## AMERICAN SCIENCE (d) SURPLUS

Best-Seller Bonus Bargains!


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## STORE LOCATIONS

Park Ridge:<br>27 N. Northwest Hwy.<br>Park Ridge, IL 60068<br>773-763-0313

## Geneva/ West Chicago:

33W361 Route 38
(1/4 Mile East of Kirk Road.)
Geneva, IL 60185
630-232-2882

## Milwaukee:

6901 W. Oklahoma
Milwaukee, WI 53219 414-541-7777

Sorry, stores cannot take phone orders, but shop these and thousands more items at each location. It's worth the trip!
Place phone orders at 888-724-7587, Monday through Friday, 8:00 am to 5:30 pm Central Time. Fax orders to 1-800-934-0722 any time!

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## How long will it take to get my order?

We typically ship your treasures within a day or so of receiving your order. Standard: Depending on the carrier and your location, you can expect to receive your order within 3-10 business days. Expedited: Next Day Air, Second Day Air, and Ground Plus orders received before 1:00 pm Central Time will ship out the same day. Expedited packages are delivered Monday-Friday only, excluding holidays.

## Will you ship outside the US? Do you ship outside the contiguous 48 states?

Sorry, we are able to ship (and mail printed catalogs) only to the US, its territories and possessions, and APO or FPO addresses. Yes! All orders shipping outside the contiguous 48 states must use "AK-HI Only" shipping charges.

## Shipping Charges:

Please use the table above to determine the shipping charges for your order. Additional information is found on the order form bound in the middle of this catalog. Please call 888-724-7587 with any questions. Thanks!
Sales Tax: Sorry, recently passed tax laws require us to collect sales tax in the following states. Please calculate sales tax for order total (including shipping \& handling) as per state requirements. Use our handy quide below and adjust based upon your county/city actual sales tax percentage which may be lower. Please call if you need assistance.

| AR-11.88\% | GA-9.5\% | IA-7.5\% | IL-10.25\% | IN-7.5\% | KY-6.5\% | KS-10.5\% | MI-6.5\% | MN-9.275\% | NC-8\% |
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## Welcome

to our American Science \& Surplus catalog. Here you will find a unique mix of industrial, military and educational items, with an emphasis on science and education. We supply a wide range of unusual and hard-to-find items (some say bizarre stuff) to the hobbyist, tinkerer, artist, experimenter, home educator, do-it-yourselfer, and bargain hunter. Our items are great gifts, inexpensive supplies, and an endless reason for a giggle or a "Gee whiz!" We try to be scrupulously honest in presenting whatever we know about what we have, and always take it back, no questions asked, if the customer isn't satisfied with it. Please remember that we offer many more items than will fit on these pages. You can both peruse and purchase every item we have at our website: www.sciplus.com. Thank you for taking the time to browse our catalog. We appreciate your business.

## Patrick Meyer, President

## SHOP THOUSANDS MORE ITEMS WITH PHOTOS SCIPLUS.COM

## Frequently Asked Questions

## What is surplus?

We buy closeouts, inventory overruns, mis-manufactures, and items whose time has not come. We can usually acquire these items on a one-time-only basis. When a surplus item is gone, it is gone. So if you see something you love, best get it now since we may not have it tomorrow. Our website is frequently updated with our inventory. If you see an item in our catalog, but cannot find it online, it means we have sold out of that item. If our stock of the item you have ordered is exhausted we will refund that portion of your remittance. When we can't find surplus, we may carry regular merchandise which we think those interested in learning and tinkering will find appealing, but only if we feel it is good quality at a fair price.

## Can I return items?

Yes. We accept all returns without question and will either refund your purchase price or send you a replacement, as you chose. Returns must be made within 30 days of purchase. For complete details, please check the order form bound in the center of this catalog.

## What forms of payment do you accept?

We accept Visa, MasterCard, Discover, American Express, checks and money orders. We are sorry to report that we cannot accept CODs, cash, stamps or gold. If paying by check, please be aware that you are authorizing American Science \& Surplus to use the information on your check to make a one-time electronic debit to your checking account. This electronic debit will be for the amount indicated on your check. If you do not have sufficient funds in your account, a returned check fee may be debited from your account. If you have any questions, or choose not to have your check converted into an electronic item, please contact American Science \& Surplus at (888) 724-7587.

## Do you have a minimum order requirement?

We regret that the costs of doing business preclude us from processing orders of less than $\$ 10.00$ merchandise value (exclusive of shipping and handling). We will return orders of less than $\$ 10.00$ merchandise value.
Additional information can be found on the order form bound in the middle of this catalog.

## 6-String Stand

We've lost a lot of guitar heroes lately. Betts, Beck, Rossington... The list goes on. And so does the music, so take care of your guitar and store it properly on this sturdy metal stand with padded arms and head. It's $14^{\prime \prime}$ tall when closed, but 12-1/4" tall when open. The (2) rear legs fold out and have adjustable feet. Front legs have padded fold-down arms 5" long before tilted tip ends. Everything's black, (Mick would
 approve) and it'll hold other instruments, too-not just guitars. And if you're not into music, it's a great, sturdy easel that'll display artwork, signs, menus, and more.

## 50437 Guitar Stand <br> \$9.95/ each <br> \$8.50/ each

## Get Set For Some Chemistry

If they're 10 or older, and mad for science, get them this Chemistry Lab Kit from Edu-Science, with chemicals, equipment and a manual for over (80) experiments. Incl. copper sulfate, sodium carbonate, calcium carbonate and hydrox-
 ide, copper foil, tartaric acid and methyl orange, litmus powder, litmus paper, filter paper, test tubes and rack, tubing, corks, beaker, funnel, alcohol lamp, stirring rod, scoop, brush, and goggles. For ages 10 and up.

## 9549980 Exp. Chemistry Kit \$32.95/ each <br> Best-Seller Bonus! \$19.50/ each

## Rubbery Mini-Coasters

Before you go jumping to conclusions about these disc, let us just say that they're made of neoprene foam (aka
 rubber). All black, and flexible, and rhombus-like, measuring appx $6-1 / 2^{\prime \prime} \times 4-1 / 4^{\prime \prime} \times 1 / 16^{\prime \prime}$ thick.

## 49937 Rhom. Rubber Disc \$3.75/ pkg(5) <br> Best-Seller Bonus! \$2.00/ pkg(5)

## Slurpy

Manual liquid transfer system. Push the plunger and siphon whatever you need to siphon; we don't ask questions around here. Also functions as an air pump. You get the pump, (2) 50 " long hoses and adapters for a beach ball and a Schrader air valve. Pump itself is $7-1 / 2^{\prime \prime}$ long and the inlet and outlet are both $1 / 2^{\prime \prime} I D$.


## 94404 Siphon Pump <br> \$9.95/ each <br> Best-Seller Bonus! <br> \$8.70/ each

## Dot Marks The Spot

What we have here is a 650 nm , $5 \mathrm{VDC}, 5 \mathrm{~mW}$ red laser dot diode module measuring $1 / 2^{\prime \prime}$ long $\times 1 / 4^{\prime \prime}$ dia, with a copper head and $3^{\prime \prime}$ leads. Has a working life of more than 1000 hours, an operating current $<40 \mathrm{~mA}$, and an operating temperature of -
 36 to 65 C . The spot size is $10-15 \mathrm{~mm}$ at 15 meters.

[^0]
#### Abstract

Attack of the Shrooms! Quick-everybody take cover! It's the attack of the giant, mushroom-shaped, color-changing landscape lights! Don't kid yourself into thinking you won't have to run very far because their batteries will run out-they're solarpowered! They'll keep recharging as long as you keep running, so you  might as well just surrender and enjoy them. Measure 7" dia $\times 10^{\prime \prime}$ tall, and their heads can swivel/tilt as they cycle through (7) colors. They're weatherproof and can last up to 8 hours on a single charge depending upon weather/season. Included mounting ground stakes make sure their big heads don't tip over.


## 97948 Solar Shroom Light \$9.95/ each <br> Buy 4 or More! <br> \$8.70/ each

## Twist Ties of the Gods

If you had a 10 -foot loaf of bread, these would be the only way to close the plastic bag. They're 34" long $x$ $1 / 2^{\prime \prime}$ dia with flexible metal cores covered by a thick layer of foam
 that grips tightly. Tie up big tools and

覀 cables, make ad hoc hooks, tie down outdoor furniture, organize sports equipment, wrap sails and gear of all sorts (we think they'll float), or make emergency repairs. Our each is a 2-pack of basic-Blue or bright green giant ties.

## 43683 Jumbo Twist Ties <br> $\$ 5.40 /$ each Best-Seller Bonus! \$4.00/ each

## Our Most Tropical Spout

We love a good pink flamingo around here, but this curvy $15^{\prime \prime}$ long pink flamingoshaped watering bottle topper is a step beyond. Fits water and soda bottles by screwing directly onto their tops, where the caps would normally fit. When the flamingo is screwed on tight, tip the bottle and the liquid inside will flow out of the orange and black beak. We know-catch your breath before you call us to order one.

## 50786 Flamingo Spout

\$5.75/ each

## Disappearing Twine

Calling all gardeners! You can never have enough eco-friendly garden twine, so here's a nice 400 -foot roll of it. From RapiClip ${ }^{\circledR}$ this Jute Garden Twine is in a garden-friendly dark green, which means
 it sort of disappears visually. The best news is, since it's made of jute, one day it actually does disappear.

## 97681 Jute Garden Twine \$3.25/ each

## Spot The Flowers

These solar-powered, wireless garden lights are on a stake like most, but these have an adjustable focus from flood to spot, to direct the light where you want it. Measure $4-1 / 2^{\prime \prime}$ dia $\times 15^{\prime \prime}$ tall with the removable stake. The light head itself is $2-3 / 4^{\prime \prime}$ dia x 4-1/2" long in a bullet shape. The cool-
 white LEDs shine at 100 lumens, and the solar panel on top swivels 360 degrees to catch the sunlight.

## 97218 Garden Lights

\$11.85/ each

## The Old Quad Beam

How many times have you said, "Y'know, the old Tri-Beam just isn't enough." We haven't said it in a while now that we have this 750-lumen, solar-powered Quad Beam LED Motion Light
 from iZoom®. Measures approx $3^{\prime \prime} \times 5^{\prime \prime} \times 2-1 / 4$ ", lasts up to 8 hours on a charge, and has a color temp of 6500K (daylight). Also has a dusk-to-dawn light sensor, and motionsensing up to 29 feet. Weatherproof (IP65 rated), with a durable plastic body and a built-in rechargeable battery that charges in 6 to 8 hours of full sun.
98019 Solar Motion Light \$14.95/each

## Lil' Help Here?

Well, here's a great idea for a set! Leave it to Kikkerland® to come up with something as useful and nice as thisthe Gardener's Helpers set. You'll get (2) foam green knee pads with elastic backing, (2) plastic protective arm sleeves and a pair of heavyduty gloves. We have people ordering it who don't even garden! Gloves are Medium-
 Large-ish. Pads and sleeves are a pleasant garden-y green, and pads measure approx $6^{\prime \prime} \times 6$ ". Browse our catalog to find a nice case to store them in, no matter what you end up using them for.

## 51003 Gardener's Gear Set \$9.50/ each

## Garden Labels

The plants aren't going to name themselves. These Tall " $T$ " Labels from RapiClip® are for your garden, so you don't forget what you planted, or what you named the
 plants. Labels are white, generally T -shaped and $8^{\prime \prime}$ tall with a $2-1 / 2^{\prime \prime} \times 1$ $3 / 4$ " labeling area that looks like a basketball backboard. You'll get a pack of (10), and when you see how organized your garden is, you'll probably want another (10).

## 97683 Garden Labels 10 Pk. \$2.95/ each

## Buddha Does Gardens...

Add a touch of luck to your garden or living space with these See/Speak/Hear No Evil Decorative Buddha Statues. Measuring appx 5-1/2" tall, this solid garden decor is made of cement. Three different Buddhas in the "See, Hear, Speak no evil" positions. Sold indi-
vidually (Our choice) or if you order (3) we will pull one of each. The statues are intricately carved with facial features, textured headpieces, and a flat bottom to sit perfectly straight. These inspirational decor pieces are made with porous cement. Ideal for indoor or outdoor use

52113 Mini Buddha Busts
\$5.95/ each

## Classic-ish Lantern

We got this all-metal, 6-1/2" tall $x$ 4 " dia solar-powered decorative lantern from i-Zoom ${ }^{\circledR}$, one of our most trusted light suppliers. It's classic in that its punchedout decorative sides have a vaguely Art Deco pattern. Don't imagine some ye olde England design-this is closer to the Jazz
 Age. But it's solar, and it has LED lights, so it's thoroughly modern. Weatherproof, light-activated and runs for up to 8 hours when charged. Hang it from the elegant handle or set in on a table and let it throw its dramatic, stunning shadows. All that for less than 10 bucks. Probably a good idea to get a pair.

## 97871 Shadow Lantern

\$9.50/ each

## For Water, Not Oil

This very convincingly antique-looking brass- WEM. topped glass mister looks sort of like an oil can, except it's made of ridged glass and would not seem out of a place in a black and white movie about a beautiful dame who just wishes she could get on with life already. Has a finger ng brass- NEM, hold and a thumb pump-old school and sophisticated. Best part is, it's from Kikkerland $\circledR^{\circledR}$, which means it's brand new and works great (unlike actual antiques). Use it to create a humid environment like those old movie stars did for supple skin. Also, mist your plants, revive wilted flowers and generally de-dry rooms. Measures 6" tall overall with a 3" tall x 3" dia bottle. Holds $6-1 / 2 \mathrm{oz}$, which is 200 ml in Canada.
51128 Brass \& Glass Mister \$6.85/ each

## For Your Soul Or Your Yard

If you've built a little birdhouse in your soul, you might be a giant. But we'd like to encourage you to hang a little birdhouse in your back yard. Ours is made of wood and measures 11 " tall $\times 6-3 / 4$ " square, red with white trim, a green base and an unpainted roof, which lifts up for easy cleaning. In sort of a farmhouse style. Birds enter through the attic window, and the whole thing hangs from a sturdy, 8 " long coated cable. Has a little green bicycle leaned up against the front of the house but most birds, if not all, will choose to fly in and out rather than ride.

## 50659 Wooden Birdhouse $\$ 24.50 /$ each

## Who'll Stop The Rain?

No one can stop the rain, and CCR should have known that. But you can measure it with this Rapitest ${ }^{\circledR}$ Rain Gauge. Has a weatherproof metal stake and protective holder which holds (as holders do) a cylindrical gauge. Max reading is 5 " or 130 mm . Stake length is adjustable between $10-1 / 4^{\prime \prime}$ to $30-3 / 4^{\prime \prime}$. You don't need a weatherman to know which way the wind blows, but you do need a rain gauge to know how much rain fell. You're welcome.


97680 Rapitest ${ }^{\circledR}$ Rain Gauge $\mathbf{\$ 1 4 . 9 5 / ~ e a c h ~}$

## What Big Claws You Have

You know when you're trying to pick up dead leaves and stuff like that from a soggy garden? That's when you need these Garden Gloves with Claws. Let the claws do the digging in. Gloves come in assorted colors-green, purple, and black-with black, plastic, 2-3/4" long, talon-like caps on
 the fingertips but not the thumbs. Nice and creepy for a costume if you don't do yardwork. Gloves measure 10-1/8" from base to the tip of the middle finger (don't read into that), and 2-7/8" at the wrist. Made of tough rubbery material like most garden gloves. The black pair has claws only on the right glove, and the purple has claws only on the left. You'll get what you get without throwing a fit, because one claw glove is better than none.

## 50546 Gardening Claws <br> \$3.95/ each <br> Buy 2 or More! <br> \$3.40/ each

## Suit Your Soil

Grow a beautiful garden full of plants that love your soil! It's easy if you know your soil's pH , and we have a gauge to help you! Stick the probe into moist soil for the pH to register in a separate $4^{\prime \prime} \times 2^{\prime \prime} \times 1^{\prime \prime}$ gauge box on the end of a 26 inch cord. That lets you read the gauge without having to lay on the bug and worm covered ground to see it! A needle indicates the pH on a scale of 3.5 9 , and you get a list of which plants like which pH levels.
91586 Soil Ph Gauge
\$21.95/ each
Where Light Meets Water
The problem with indoor rope lights? They're terrible in the rain! This 16-foot-long, 120VAC Aura LED ColorRope LED Tube Light from AuraLED laughs at the weather. Works great indoors, too, especially when the pipes burst! Made of clear, $1 / 2^{\prime \prime}$ dia industrial-grade PVC tubing with modes that range from single-color to precise holiday themes of red/white/blue, orange/yellow/brown and red/green/white. Remote has (16) color settings. Great for patios, porches, pathways and a plethora of party places.
50888 Outdoor Rope Light \$19.50/ each

## You Can't Slam This Screen Door

But it will still keep the flying critters out of your kitchen. This hanging screen is made of a plastic fabric mesh and will fit doorways up to $35^{\prime \prime} \times 82^{\prime \prime}$, but works best in slightly narrower ones to allow some side overlap. Works great on campers, RVs, trailers and the like where you really need to let air flow or buy four and build a giant
 insect cage that can cover a small
 tree. Installs with adhesive hook-and-loop tabs and has a weighted bottom, so it won't flap in the wind. Portable, handy and ready for summer. Just like you.
47901 Portable Screen Door \$7.50/ each

## Wake Up Safely

Don't trust nature, or the front desk at your hotel, to give you a wake-up call? We understand. That's why we travel with this $4^{\prime \prime} \times 4 " \times 2$ " silver plastic alarm clock with glow-in-the-dark hands and numbers. It's very cool, we have to say. Takes (1) "AA" battery to power the quartz movement, but you can
 track down a battery (oh, look, there's one for sale just a few lines below this one). The clock face light is not very bright (better for sleeping), but the numbers are big ( $3-3 / 8^{\prime \prime}$ tall), bright (a very pleasant sporty green) and soothingly glowing. Now all you have to do is pack a bag and book a flight (or gas up the car).

## 50804 Glow Alarm Clock

\$4.75/ each

## Tea Time? Tea Lights!

No one likes drinking tea in the dark, which is why we're offering this (2)-pack of wax-free, batteryoperated, cool-to-the-touch decorative LED tea lights, aka votive candles.
 This way, you'll never have to sip in the dark again. Your Earl Grey thanks you. Lights measure 1-3/4" from their plastic bottoms to their flame tips. On-off switch hidden on the bottom. Button cell batteries included.

## 50059 LED Tea Lights

\$2.80/ each

## Is The Library Safe?

This isn't a book, but it's definitely bookish. Looks like a leather-bound volume from the Bodleian but it's just a little wooden box, approx $8-1 / 2^{\prime \prime} \times 5$ " $\times 2^{\prime \prime}$ ( 7 " x $3-7 / 8^{\prime \prime} \times 1-5 / 8^{\prime \prime}$ inside) that's perfect for stashing the jewels, cash, or whatev-
 er you need to stash in plain sight on the shelves.

## 94850 Realistic Book Safe \$14.25/ each

## Save Electricity And Valuables <br> You can do both with this non-functioning,

 fake electrical outlet that's actually a small safe. Looks like an ordinary off- 9 white outlet, but has a 7 " $\times 2$ " $\times 2-1 / 4^{\prime \prime}$ cavity in back. Swap out a real outlet, or use the teensy drywall saw that's included and make a new bogus one any- where you like. This one even takes plugs for further verisimilitude. We suggest putting a burnt-out bulb in the lamp you plug into this outlet to fool the smarter burglars. Always work at least one step ahead.

## 32791 Outlet Safe <br> \$5.95/ each <br> Buy 2 or More! <br> \$5.00/ each

## The Butt Bucket

For when you just can't drag yours around anymore? No, for out-of-sight cigarette butt and ash disposal. This mini-bucket, sans handle, is a $3-1 / 4^{\prime \prime}$ dia $\times 3-7 / 8^{\prime \prime}$ tall black-composition ashtray that can sit on a desk or table, or fit neatly into a car's cup holder. Its removable lid has (3) slots to
 hold lit cigarettes and a small, cigarette-diameter hole so the butts slide out of sight and go out for lack of oxygen. Cuts down ambient dead-butt odors, too.

## 93044 Butt Bucket

\$2.65/ each

## The Sands Of Time...

Gosh, we haven't watched our stories in ages. Anybody know what Luke and Laura are up to? Let us know. Meanwhile, check out these awesome sand timers! We can't really call them hourglass timers because they have (3) teardrop-ish clear glass globes instead of (2), giving them a modern-dare we say, con-temporary-look. Top and bottom globes are larger, and the middle one doesn't fill if you're using it right. The units we tested were $+/-6 \%$ of the time. You pick: the 15-
 minute glass, measuring $8^{\prime \prime}$ tall $x$ approx $3-1 / 4$ " dia with steel-blue sand; the 30 -minute, measuring $9 "$ tall $x$ approx $4^{\prime \prime}$ dia with red sand; or the 60-minute, measuring $12^{\prime \prime}$ tall x approx 4-1/2" dia with goldenrod yellow sand. Ages 14+
98024 8" Triple Timer \$9.95/ each
98025 9" Triple Timer \$12.95/ each 98026 12" Triple Timer \$21.95/ each

## A Time Saver?

You can't cut time in half, but with this ingen- $T=1$ ious 32" dia clock, you can fold time. It's our favorite foldable (and unfoldable) wall clock from the always-reliable Kikkerland ${ }^{\circledR}$. In classic white, with a spare, Swiss train station design, the clock is portable for those times when you want to put time on pause. Folds down to 11 " dia and pops open to
 full size instantly. Very lightweight fabric, with quartz movement that requires only (1) " AA " battery, which you supply. Take it wherever you go. Has black markings, a black border and an elegant lack of numbers, because you already know where they are.
51005 Foldable Wall Clock \$9.50/ each

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## 93038 Backwards Clock

 \$13.50/ each Stick 'Em Up NEW After you stick up these vinyl stickers, you VIEM! can pull 'em down and store 'em until you're ready to stick 'em up again. You're so smart-yes, it's because they're reusable and won't muck up your walls, laptop or windows! You pick: the set of (8) Rick and Morty decals, approx $2^{\prime \prime}$ to $6 "$, with Rick, Morty, Summer, Pickle Rick, Slime Brain and more; or the (15) Star Wars decals, approx $1^{\prime \prime}$ to 4", with the Death Star, Millenium Falcon, TIE Fighters, X-Wing Starfighters and more. ©WARNI NG: CHOKING HAZARD-Small Parts. Not for children under 3 yrs.50961 Rick \& Morty Decals \$2.95/ each
50959 Star Wars Decals
\$3.25/ each

## Swingin' Desk Toy

Newtonian demonstrator for science teachers. Mindless play for the rest of us. These are shiny, nicely balanced, high-performance examples of the classic Newton's Cradle - a ball on one end of a row of (5) sus-
 pended, barely touching balls swings into the others, and the ball at the opposite end reacts to the collision. The $11 / 16^{\prime \prime}$ dia balls in this smallish version (allmetal frame $6-1 / 2^{\prime \prime}$ high $\times 4^{\prime \prime} \times 4-1 / 4^{\prime \prime}$ ) will collide about 30 times. Awesome. Even more awesome that we paid someone to count the bounces just for you!

## 93847 Newton's Cradle <br> \$13.95/ each

## Gaze Into Our Crystal Ball

What's that we see? Oh, it's you, picking up the phone and ordering this gorgeous, crystal-clear crystal ball, 80 mm dia (that's approx $3-1 / 2^{\prime \prime}$ dia to American fortune tellers), with a squarish acrylic stand, approx 1-
$1 / 4$ " per side. Wait, we're getting some-
 thing else now..it's your cousin Rhonda and your uncle Harold...they're both ordering one, too, on our website. Great for any room in the house, or the traveling caravan. This isn't a toy for kids-for consenting adults only.
98067 80mm Crystal Ball \$19.85/ each

## See A Crystal Ball In Your Future?

Well, if you had a crystal ball, you'd be able to see that there's a crystal ball in your future, and you'd know not to pass up this very, very nice glass gazing ball. It's 41/4" dia (and heavy) and comes with a footed dark-wood stand that spins smoothly. The stand is just over $3^{\prime \prime}$ dia. Together, the ball and stand are $6-1 / 4$ " tall. Comes in a presentation and storage box. The
 perfect accessory for your next fortune-telling gig.

## 94069 Glass Gazing Ball \$31.50/ each

## Ginormous Gem

Bigger than a baseball across the top, this is one ginormous jewel. You pick a clear or deep-translu-cent-blue, $24 \%$ lead crystal, cut-
 glass gem. It's $3-1 / 8^{\prime \prime}$ dia at the top, tapering to point $2-1 / 8^{\prime \prime}$ deep. Could be mounted in a stunning, but really, really, really big engagement ring.

## 93959 Jumbo Clear Gem <br> $\$ 9.50 /$ each 93960 Jumbo Blue Gem \$9.50/ each

## Pseudoprecious Gems

Our each is a dozen gorgeous, glimmering glass gems, in a round cut in (12) different colors, including pink, green, blue, red, golden, white, and various shades
 of each. Think diamond, ruby, sap-
phire, emerald, amethyst, topaz, whatever. In a dark blue book-like presentation box, the Queen collection features (12) gems at 40 mm across (approx $1-1 / 2^{\prime \prime}$ or tad bigger than a silver dollar) by 27 mm (approx $1^{\prime \prime}$ ) deep.

96975 12pc Queen's Gems \$21.75/ each

## Jolly Barry

Why does Roger always get the credit for the skull and crossbones pirate flag? We feel it is time to share and have elected Barry to the post because he just walked
 by the vast editorial department here at A.S.\&S. (AKA "my desk") Our Jolly Barry flag is $3 \mathrm{ft} \times 5 \mathrm{ft}$., black polyester with a reinforced edge containing grommets for flying. It has the traditional skull and crossbones in white with the added fillip that the skull is wearing an eye patch! Sail Away!!
91520 Jolly Roger Flag
\$5.25/ each

## A Jolly Parrot

We like to call this fella Captain Pirate, since that's what it says on the rum barrel he's got one foot propped up on. But the box calls him Capin' Parrot Pirate. Arrrgghh, we're gonna give that one a wide berth. Stands on a 2$3 / 4$ " wide oval base, and about 8 " tall to the top of the Jolly Roger flapping behind his head. He's holding a bottle of something, and he looks ready to party. We'd be proud to display him in a basement bar, rec room, lake
 house, camper or back yard.
50383 Parrot Pirate \$4.50/ each The Directional Dish This nautical-ish, New Englandish, dish-ish tray resembles a pocket watch, approx 4 " dia, but hollowed out (remember, it's a tray?), with black compass symbols on a white background. Has a shiny golden front edge, back and hanging hook on top. Might be brass. Call it a trinket tray that measures approx 3/4" deep. Don't use it for food, but put anything else you like in it. Or hang it on a wall for a touch of old-world charm and mystique. Ahoy, Surpies.

50958 Compass Tray
\$3.50/ each

## A Storm's A Comin'

Admiral Fitzroy used a device like this to determine weather changes aboard the HMS Beagle on Charles Darwin's expedition. This, of course, is why it's known as Fitzroy's Storm Glass. It's believed that the different crystal formations inside the approx $11^{\prime \prime}$
 tall $\times 1-1 / 2^{\prime \prime}$ dia glass tube with a 2-1/4" base indicate weather changes. Must be placed on an interior wall not subject to sudden temperature changes, sunlight or air from vents and may need to be tested in multiple locations. Follow the instructions carefully and give it about a week to stabilize. It goes without saying, but this is not a toy. It has flammable liquid inside, so no rough-housing near the Storm Glass!

## 97742 Fitzroy Storm Glass \$24.95/ each



## Claim Your Food

Keep all your special orders straight with this handy set of Farmhouse Food Markers. They're wood, 5" long and pointy, with nice laser cut shapes on the other end, from cows and pigs to chickens and leaves. Poke them into food as it comes off the grill or out of the
 oven. We assume the leaves are for vegetables, in case you can't tell tofu, tempeh and tomatoes from rare steaks and pork chops. Either way, they add a nice touch o' class to any dinner party or backyard bbq, and you'll get (48) of them.

## 50353 Wood Food Markers <br> \$3.50/ each



## Four Funnels

Four fine funnels, a fantastic fare. Sturdy plastic, the biggest is $4-1 / 8^{\prime \prime}$ dia at the mouth, with a $1 / 2^{\prime \prime}$ dia spout; the smallest has a $1-7 / 8^{\prime \prime}$ dia mouth, $1 / 4^{\prime \prime}$ spout. The other (2) are in between. Frankly, it's freaky fun flowing fluids from four funnels!

## 91078 Set of 4 Funnels

\$2.95/ each

## War Or Peacetime Cookies?

Either way, in wartime or peace, it never hurts to have a strong military presence in your baking utensils drawer. This (4)-piece Military Vehicle Cookie Cutter Set, we can safely say, is something you
 won't find at most stores. We like it that way. You'll get a classic metal cookie cutter in the shape of a tank (approx 4-7/8" long x 2-1/8" wide), a jet (approx 4-3/4" long x 3$3 / 8^{\prime \prime}$ wide), a truck (approx $4-1 / 4^{\prime \prime}$ long $\times 2-3 / 8^{\prime \prime}$ wide), and...wait for it... an aircraft carrier (approx 5-3/4" long $x$ $1-3 / 4^{\prime \prime}$ wide). All cutters are approx $1^{\prime \prime}$ deep. Imagine the compliments you'll get when you set out your frosted air-craft-carrier sugar cookies and Snickerdoodle tanks.
50520 Military Cookies
\$8.75/ each
 for small kitchens where every inch counts, they're great for any kitchen, and for cookouts, camping, picnics, arts \& crafts, stenciling, model building and anything else that requires a surface to cut on. Our each is a set of (2) of the translucent Euro-look mats that protect countertops. They can be lifted and easily curled to funnel chopped food neatly into a pot, they're dishwasher safe, and roll up for portage or storage.

## 35253 Flexible Chop Mats <br> \$2.45/ each <br> Buy 3 or More! <br> \$2.00/ each

## Need A Hand With That Plate?

It's the perennial partygoer problem-how to manage your cheese cubes and BBQ cocktail weenies while sipping a delicious beverage. Well, not anymore! This white, hard-plastic party plate has a C-shaped holder for said beverage, a deep 6-1/4" diameter plate for snacks and a grippy lip for easy hold-
 ing. Dishwasher and microwave safe.

## 50408 Cupholder Party Plate \$2.75/ each

## Not For Big Mouths

A lovely mini-funnel, made for pouring Dad's special medicine into a hip flask, but just dandy for filling salt and pepper shakers or anything else with a little yap. Stainless steel with a 1-3/8" ID intake mouth and
 a 5/16" ID outlet. 1-7/8" tall OA.

## 92731 Stainless Steel Funnel\$2.25/ each

## Kinder, Gentler Tongs

Quick-which cooking utensil hogs up the most space? Correct, tongs. We assume that's why the clever folks at Kikkerland® came up with these expanding tongs for kitchen, camping or backyard BBQ-ing. They measure 5" long when folded and easily fold out to 9 " long with wooden handles and grippy, jagged teeth. Why didn't we (or you) think of this?
51001 Expanding Tongs \$6.50/ each

## Get Sauced The Italian Way

Go ahead and have a glass of wine while you're cooking with this (1)quart Ballarini iLove Cooking saucepan. Made in Italy, and that's all you need to know, capeesh? If you insist on knowing more, it measures
 $6-1 / 2^{\prime \prime}$ dia $\times 3^{\prime \prime}$ deep with pouring lips on both sides. Also has a long-lasting non-stick surface, energy-saving capabilities and improved cooling quality. The orange handle with a hanging hole gives it that Italian touch of style that will only make your kitchen more bella.
50831 1-Qt Sauce Pan
\$14.50/ each

## Free-Range Soap!

OK, maybe it's not cage-free, but this bar soap is handmade on an Amish farm in Springfield, Missouri, using Abraham Graeber's family recipe, which contains "no cancer-causing chemicals," according to the package. Because this soap is made by people and not machines, it's good
 for the earth, and has a light widflower scent too. Our each is (5) giant appx. 5-ounce bars, approx $3-1 / 2^{\prime \prime} \times 2-3 / 4^{\prime \prime} \times 1-1 / 4^{\prime \prime}$.

## 96774 Amish Bar Soap <br> \$9.90/ each

## Sharp

Our hand-held knife and scissors sharpener has a pair of tungsten carbide heads pre-set at the correct angle for keeping an edge on things. Just rest the blade in the notch and pull. Pistol-grip style with a guard, in black plastic. Measures $6^{\prime \prime} \times 5 / 8^{\prime \prime}$ wide, with reversible and replaceable carbide cutting heads.


## 92428 Knife Sharpener

\$3.50/ each

## Twist 'Em Off, Anytime

 Pickles, tamales, red cabbage and the like keep getting tougher to open, so why not give yourself a little help with this (4)-size jar opener? It's (2)-sided with one side handling $1-1 / 2^{\prime \prime}$ and $2^{\prime \prime}$ lids, and the other opening the $2-1 / 4^{\prime \prime}$ and $3^{\prime \prime}$ lids. The handle provides you with extra leverage, and a comfortable grip. Comes in an attractive red and gray, and it's easy to store.

## 97345 E-Z Open Jar Opener \$3.75/ each Buy 2 or More! <br> \$3.00/ each

## The Accordion Bucket

Not to be confused with the bucket accordion, the least popular instrument of all time, this is a collapsible bucket, made
 of silicone with a hard plastic rim. Holds $1-1 / 3$ gallons and stands 7 $3 / 4^{\prime \prime}$ tall $\times 8-3 / 4^{\prime \prime}$ ID at the top, but collapses (accordions) down to less than 2 " tall, including the folding handle. Has a little hanging tab at on the lip. Handy anywhere space is an issue, and dandy for boats. BPA-free, heat-resistant and slick as a wet otter, so stuff just slides out.

## 95669 Collapsible Bucket \$7.75/ each

## Collapsabasket

We're fascinated by this thing. It's a collapsible Red-Riding-Hoodish dispan/basket for your sink and beyond, with solid gray plastic rim, base and folding picnic-basket style handles, plus silicone
 sides in fashionable chartreuse. Measures $15^{\prime \prime} \times 11^{\prime \prime} \times 5-5 / 8 "$ when open but collapses down to just $1-1 / 2^{\prime \prime}$ high for storage. Could also be a very nostalgic shopping basket, dandy for collecting garden vegetables. Hose-off-able and pretty much niftiness itself. Holds water like a champ and is great for camping.
95983 Collapsible Basket $\$ 9.50 /$ each

## Suck It Up!

What's the one thing most plastic swiv-el-head vacuum hose attachments are missing? Headlightsexactly! Ours is called the Power Reach and it has two forward facing LED lights on top, each with an on-off switch. The whole unit measures $12^{\prime \prime} \times 4$ " and has a pivoting port that will fit a canister vacuum or the hose attachment on other vacuums. Lights attach via magnets, and you'll be glad they're turned on when you're navigating under a bed or behind a cabinet. We believe it's designed for hard surfaces, not carpeting, since the bottom has felt pads and channels for stuff to get sucked into. So, think of it as a lighted, one-step broom-no dustpan needed!

| 50806 LED Vacuum Head | $\$ 7.50 /$ each |
| :---: | :---: |
| JUNE BOOM! | $\$ 2.00 /$ each |

## Indoor Charcoal

Bamboo and charcoal aren't just for tiki bars and barbecues anymore. You've got smells, and these odor-absorbing bamboo charcoal air purifying bags will eat them up. You choose: the (4) eco-friendly, reusable La La's Land bags, approx $5^{\prime \prime} \times 5^{\prime \prime}$ $\times 2-1 / 4^{\prime \prime}$ each, which naturally eliminate odors and moisture, rejuvenate when you stick them in the sun a couple hours a month, and they come in a cardboard gift box. Selles!

> | 49092 | LaLa's Land Odor Bags $\$ 9.50 /$ each |
| :--- | ---: |
|  | Buy 3 or More! |

A Brush With Greatness
Don't go looking for the biggest bottle in the world, this is an appliance brush, for cleaning the coils in the back of the fridge or lint from the dryer. Plastic handle is $9^{\prime \prime}$ long and brush is an additional $23^{\prime \prime} \times 2-1 / 4^{\prime \prime}$ dia. Could also be used to clean your 50 mm cannon. It's flexible, and we'll fold it before we ship, so as not to alarm the mail carrier. Unfold it and let the brushing begin.

## 95516 Big Brush

\$4.50/ each

## Unto Dust We Shall Return

This microfiber duster starts out 11" long and the telescoping 4-draw handle extends to over 2 feet, if you count the headful of $1^{\prime \prime}$ long wiggly dust-busting fingers on top. Can you say recessed lighting? Ceiling fan? We'll select one for you in a flattering purple, line green, pink or light blue. Would also make a can't-miss baton for a high-school band director.
94601 Zoom-Out Duster
\$3.95/ each

## Blackstrap Blacklight

Jumbo blacklight measures $10-1 / 2^{\prime \prime}$ long $\times 2-1 / 2^{\prime \prime} \times 1$ 3/4" and holds an $8^{\prime \prime}$ UV fluorescent tube plus a white LED flashlight on one end. Adjustable strap extends to 22 " or lays flat. Takes (3) Dcell batteries. A must-have for security or crime scenes, but don't shine it on the furnishings in your hotel room if you don't want to be disappointed.
95111 Portable UV Light \$15.95/ each

## Scissors That Don't Pull

These 4" long, handheld, push-style thread scissors are as sharp as a Don Rickles insult and come in a handy little vinyl pouch. They operate sort of like tongs-you push them together with your thumb and forefinger-and they're great for arts, crafts, DIY projects and general cutting of pretty much anything you want made smaller. Okay, not wood, glass or concrete, smarty pants.
50789 4" Push Scissors
\$2.30/ each

## How's Your Horn Scratcher?

Is it time to replace your combination back scratcher/extra-long shoehorn? We just replaced ours with one of these and our back couldn't be happier, for both reasons. Measures 19-1/8" long (the tool, not our back), with a $3^{\prime \prime}$ wide hand-like scratcher on one end and a smooth shoehorn
 on the other. Horn part is approx $5^{\prime \prime}$ long $\times 2^{\prime \prime}$ wide at the end but tapers back down to less than 1 " wide. Comes in (5) assorted plastic colors-red, blue, green, orange and black-and we'll pick one because your back doesn't care, and neither do your heels.

## 97939 Hornscratcher <br> \$3.95/ each <br> Buy 2 or More! \$3.40/ each

## You Runnin'Hot?

Standard digital thermometers for people never go out of style. Place this one under the tongue or armpit, and you'll get a quick 30 second, Fahrenheit or Celsius digital read-out. Beeps when it's ready and has last
 memory recall and a protective storage sheath for the tip. Turns off automatically when you forget, which you might do if you're running a fever. See how worth it this is? At this price, you might as well buy two!

## 49667 Digital Thermometer \$3.95/ each

## The Standing Shoehorn

Sure, we love a good shoehorn, but with sciatica like ours, who wants to bend over to use one, knowing it could be curtains? No worries with this svelte model, which telescopes from $12^{\prime \prime}$ to $30^{\prime \prime}$. The metal horn part is $1-1 / 2^{\prime \prime} \times 4^{\prime \prime}$ and on a spring for easy maneuvering. Ours is dark blue, yours might be another color, but it doesn't matter. Just as long as your socks match.


## 50390 Telescopic Shoehorn \$4.50/ each

## Painless Pins

These are your classic safety pins, invented by the Mycenaean Greeks in the 14th Century BC, and still available today through AS\&S. You'll get (100) in (3) sizes: (50) at $1-1 / 8^{\prime \prime}$ long; (25) at 1-1/4"; and (25) at 1-1/2", all in a handy reusable plastic box, which even the Mycenaeans didn't have.


93542100 Safety Pins

## Threading Needles In The Dark?

Life, and needle-threading, is hard enough, so this little tailor's friend has a $3 / 32$ " loop with a white LED below it so you can see what you're doing. Includes a pair of button-cell batteries and the threader has a cover plus a little hook so you can string it on something and find it in your sewing box.

## 95631 Lighted Threaders \$5.50/ pkg(3)

## Sew Buttons On Your Overwear

Go ahead and sew them on your underwear too. It's none of our business! This very slick (31)-piece sewing kit from Living Solutions ${ }^{\text {TM }}$ comes in a hard-plastic travel case, 8" x $2-1 / 2^{\prime \prime} \times 1-1 / 2^{\prime \prime}$ (like an eye-
 glasses case), and includes all your favorites: folding scissors, seam ripper, super glue, measuring tape, (4) buttons, (6) pre-threaded needles, (6) straight pins, (10) safety pins and...a thimble. Duh.

50195 Travel Sewing Kit
\$5.75/ each

## A Tape That Actually Tapes

These tape measures are $36^{\prime \prime}$ long, in classic yellow, but the coolest thing is, they have self-adhesive backs. Tapeable tapes! They have inches and centimeters with $1 / 8$ " and mm markings. You'll get (2) tapes per order. Moisture-resistant because they're made of tough polyester, minimal stretch and easily remov-
 able. Order a bunch and you'll thank us for it. From SE Rose Co. Made in USA.

## 50898 S/ A Tape Measure <br> \$3.50/ each

## Check Your Inseam?

Whenever we drop in on our tailor for a fitting, he's got a tape measure hanging around his neck. So much more attractive than wearing a metal on his belt, we think. More useful too, when measuring humans. Now you can be a tailor too, with our tailor's tape meas-
 ure in a soft fabric-like PVC material. Measures 60 " $(152 \mathrm{~cm}) \times 3 / 4$ ", marked in $1 / 8^{\prime \prime}$ increments on one side and 1 mm increments on the other, with metal tabs on each end. You'll get (3) in some combination of white, light blue and yellow.

## 95100 Tailor's Tapes

\$3.85/ pkg(3)

## Big, Beautiful \& Perfectly Safe

These big steel safety pins come in such terrific colors that they're practically jewelry in their own right. They're 4" long in assorted colors, including gold, black and metallic pink, blue and green. Perfect for closing buttonless sweaters and tops or securing scarves in fashionable configurations. You'll get (5) of these big, pretty pins in assorted colors.


94251 Big Pretty Pins
\$5.50/pkg(5)

## Drinking Bird

You're buying the drinks and this wacky, yet debonair, bird with a top hat and plastic base ( 7 " tall OA) can't get his fill of water. Get him started, and he dips his beak into your glass repeatedly. How? Fluid inside his glass body condenses from the evapora-
 tive cooling of the water off the bird's beak, making it top heavy and dunking it back into the water. The condensate rejoins the liquid pool in the bird's bulb, and he tips up again. Process continues indefinitely. WARNING! The fluid and dye inside the bird can permanently stain, and the bird's glass body can easily be broken. Not intended for children. $\triangle$ WARNING: CHOKING HAZARD-Small Parts. Not for children under 3 yrs.

## 3808 Drinking Bird <br> \$8.25/ each <br> Buy 3 or More! <br> \$7.25/ each

| Hinged Animals |
| :--- |
| Say hello to some of the coolest |
| toys we've seen in a while. These |
| lacquered wooden beauties are |
| multi-segmented, flexible and wig- |
| gleabe, and just as beautiful as they |
| are fun to play with. You pick: the |
| $6 "$ tall squirrel with the (7) hinged |
| body pieces, (11) hinged tail pieces and holding a ball; or |
| the 14" long dolphin with (15) hinged body pieces. Great |
| as décor, too, when you're not fidgeting with them. |
| $\mathbf{9 8 0 7 8}$ Hinged Squirrel |
| $\mathbf{9 8 0 8 0}$ Hinged Dolphin |

## LEDs For TVs

We love a good light strip and this TV LED Strip from Tzumi LED® has us glowing. Know why? Because you can use it for anything. Think of it as a mood light for your tube, or just a bunch of cool morphing lights all lined up and ready to be placed anywhere. Strip measures more than 6 feet long (and fits screens up to $65^{\prime \prime}$ ). Lights shine in (6) colors, strip is self-adhesive and the kit comes with a remote so you can mess with your family by changing the color patterns. You supply a USB jack.

## 50761 TV LED Light Strip \$7.95/ each

## Don't Forget NASA

We suppose commercial space travel is fine, if you can afford it, but let's not forget the little agency we all used to cheer on when driving across three states for vacation seemed like a big deal. Show your love to the professionals with our official NASA gear. You pick: the NASA Meatball
 Logo patch is rayon, approx 4 " in dia, with cotton backing and nylon Hook for easy attaching to various clothing and gear, but you could sew it on something, too; or the sturdy, brushed twill, one-size-fitsmost, low-profile black cap with an adjustable strap, and the classic Meatball Logo, approx 2-1/2" dia. . Just so you know. The NASA hat is also available with the modern NASA Worm logo stitched across the front.

$$
\begin{array}{llr}
97408 & \text { NASA Patch } & \$ 5.00 / \text { each } \\
97407 & \text { NASA Meatball Cap } & \$ 16.00 / \text { each } \\
97248 & \text { NASA Worm Hat } & \$ 16.00 / \text { each }
\end{array}
$$

## Surprise!!

Mystery boxes: Maybe we had a little left, maybe we only got a few, maybe we lost some and just found them in the warehouse. You pick. The "electro-mechanical" box has things like motors, switches, hard-
 ware and components. The "consumer" box has more "ready-to-go" type items: things that don't have as technical a flavor, like bottles, toys, home \& outdoor items, etc. The fun is in the mystery and surprise. Perfect if you don't know what to give Aunt Maude. Periodically, the contents change, but multiple orders of the same box at the same time may result in duplicate items.

## 23607 Electro/ Mech. Box \$12.50/box 23610 Consumer Box \$12.50/box

## Gift Certificates!!

Not sure what Grandpa Sam, Aunt Phyllis, and Cousin Mikey want this year? Doesn't matter! Give them all gift certificates! Just select whatever combina-
 tion adds up to the amount you wan to gift (mail orders please include the name of the recipient). We'll send you or them one of these handy gifts, complete with our famed mascot, Jarvis. (No charges for sending out gift certificates, that's part of the order which uses the certificate.)

| 31870 | $\$ 10$ Gift Cert. | $\$ 10.00 /$ each |
| :--- | :--- | ---: |
| 31880 | $\$ 25$ Gift Cert. | $\$ 25.00 /$ each |
| 42516 | $\$ 100$ Gift Cert. | $\$ 100.00 /$ each |

> Must Have AS\&S Accessory! Best

> Jarvis says you need this! Kitchen conversions are easy with this $3^{\prime \prime} x$ 4" deluxe American Science \& Surplus fridge magnet that lists everything from a tablespoon to a cup with the equivalent in ounces, tablespoons, teaspoons, milliliters and fractions of a cup. If your kids already have fridges of their own, you can buy extra magnets for them.

## 96880 Measure Magnet <br> \$0.75/ each <br> Buy 3 or More! <br> \$0.50/ each

## Surpie Stuff

If you're a surplus groupie, if you think J arvis sits at the right hand of St. Peter, if you can see our initials without tittering, you should be flaunting your devotion
 - drinking out of our white, 11 oz coffee mug and wearing our soft T-shirts, all with the likeness of Jarvis (our flying mascot), our corporate name and our inspiring tag line, "Incredible Stuff, Unbelievable Prices." We have thoughtfully ordered the shirts in gray, the best color to wear when digging for surplus treasure. The Tshirts are $98 \%$ cotton, and will shrink. Order accordingly. Don't just sit there - Jarvisize your wardrobe..
94001 AS\&S Coffee Mugs \$4.95/ pkg(2)
90267 Lg. AS\&S T- Shirt \$10.95/ each
90268 XL. AS\&S T- Shirt \$10.95/ each
90269 XXL. AS\&S T- Shirt \$11.95/ each

## Bric Up, Boys \& Girls

Snap Circuits ${ }^{\text {TM }}$ has added Brics, their name for little plastic building blocks that are, luckily, compatible with other inerlocking building blocks you might have. This award-
 winning 225-piece Bric Essentials set has sheets and blocks plus Snap
 Circuits connectors, blinking and steady LEDs, a slide switch, a fiber-optic bundle, an incandescent bulb and a melody circuit, and adapter blocks to mate the Snap Circuits components with brics. Has instructions to make over 25 projects, including a house and a tower, on the 10 " x 5 " base. You add a trio of "AA" batteries. For ages 8+. Winner of Six Toy of the Year Awards! Ages 8+.

## 49993 Snap Circuit Bric <br> \$24.95/ each <br> Buy 2 or More! <br> \$20.00/ each

## Fly, Child, Fly!

Forget the pony-give your kid the sky! Because you're a great parent, or a positive adult influence, you'll also be giving that kid the gift of knowledge with this Engino® Discovering ${ }^{\text {M }}$ STEM How Aircrafts Work kit. Teaches kids to build (10) models. Models include a glider, airplanes and helicopters. Ages 8-16+.

## 50238 STEM Aircraft Kit <br> \$14.50/ each

## The Leonardo Weapon

 Back in the 15th century, Leonardo da Vinci took time away from his painting and sculpting to oh, you know, invent a few weapons of war. We have (3) of them in the form of pre-cut wooden models that you assemble. You'll need a bit of glue, and you, or the kid you give these to, will learn a little history and the awesome STEM concepts of levers, simple machines and launching stuff. Detailed instructions included. You pick: the stationary Catapult; the rolling Giant Crossbow; or the Bombard, grandfather of the modern cannon. $\triangle$ WARNING: CHOKING HAZARDSmall Parts. Not for children under 3 yrs.

## 98013 DaVinci Catapult <br> \$12.95/ each <br> 98016 DaVinci Crossbow \$12.95/ each 98018 DaVinci Bombard \$12.95/ each

## The Industrial Dozen

Sounds like doughnuts made of steel, but it's much more interesting, especially for a science-minded kid. This STEM Inventor® 12-in-1 Industrial Models kit from Engino® includes parts for (3) models that kids can make with the printed instructions, and (9) models they can make from
 online instructions. We're talking forklift, Seller! dump truck, car-industrial stuff. This kit has won too many American and international awards to list! Made in Cyprus, which is its own country, not a Greek island like you thought. For ages 6-14+. ©WARNING:CHOKING HAZARD-Small Parts. Not for children under 3 yrs.

[^1]
## Newton Knew

The ingenious Sir Isaac Newton spent years coming up with his laws of motion, but now your kid can learn all about them fast by building (8) working models in this Discovering STEM Newton's Law snap-together kit from Engino®. Models include a ballistic catapult, a gravity fan, a collision car, a moving cabin, a balloon-powered plane and a dragster. Included booklet provides detailed explanations of scientific principles, and a quiz section is available to challenge your kid's newly acquired knowledge! Also has an interactive 3D app. ©WARNING: CHOKING HAZARDSmall Parts. Not for children under 3 yrs.
50229 Newton's Law Kit \$14.95/ each

## The Leonardo Vehicle

 About 500 years ago, when he wasn't painting or sculpting people, Leonardo da Vinci was coming up with ways to move people around-maybe not immediately, but hey, the guy had vision. We have (3) pre-cut wooden models of these ingenious machines, which you or a kid can put together with a tad of glue that you provide, and a willingness to learn a little history plus the STEM concepts of levers and simple machines. Detailed instructions included. You pick: the bicycle, which has a spinning crankshaft; the aerial screw, which is sort of a pre-cursor to the helicopter with a canopy that spins on its support structure; or the ornithopter, which has flapping wings. $\triangle$ WARNING: CHOKING HAZARD-Small Parts. Not for children under 3 yrs.| 98017 | DaVinci Bicycle | $\$ 12.95 /$ each |
| :--- | :--- | :--- |
| 98015 | Aerial Screw Kit | $\$ 12.95 /$ each |
| 98014 | Ornithopter Kit | $\$ 12.95 /$ each |

## Link And Leverage, Kids

Expose a kid to the wonderous ways of mechanics with this Discovering STEM Mechanics kit from Engino®. They'll learn about levers, linkages and structures when they're building any of the (16) working models, such as a seesaw, double-deck bridge, parking gate and others, but it'll be so fun they won't even know they're learning. Comes with (12) pages of theory and facts, accompanied by experiments to test. Also has an interactive 3D app. The possibilities are endless. $\triangle$ WARNING: CHOKING HAZARD-Small Parts. Not for children under 3 yrs.

## 50230 STEM Mechanics Kit \$14.95/ each

## Launch Like Leonardo

Based on drawings from DaVinci's Codex Atlanticus, this Pathfinders cat apult kit uses a pair of bent wooden arms as springs to launch clay balls (included) over (4) meters at enemy fortifications (not included; go make your own enemies). The assembled model will be approx $9^{\prime \prime}$ tall on a $10^{\prime \prime} \times 7-1 / 4^{\prime \prime}$ base. Made from pre-cut, untreated wood For ages 12 and up. $\triangle$ WARNI NG: CHOKING HAZARD-Small Parts. Not for children under 3 yrs.
94075 DaVinci Catapult
\$19.95/ each

## Mount That Specimen

Cases for mounting butterflies, bugs, rocks, fossils or any other three dimensional collectibles. Known as Riker mounts, these are sturdy cardboard boxes $7 / 8^{\prime \prime}$ deep, with glass glued into the front cover for viewing.
 They are filled with a fairly firm, white, expanded, synthetic, cotton-like material. The cushiony filler holds the three-dimensional viewee in place without pins or glue. Very handy for the proud trophy hunter. Our medium is $8^{\prime \prime} \times 12^{\prime \prime}$; larger is $12^{\prime \prime} \times 16-1 / 2^{\prime \prime}$.

$$
\begin{array}{llr}
88545 & 8 \times 12 \text { " Riker Mount } & \$ 8.50 / \text { each } \\
92372 & 12 \times 16 \text { " Riker Mount } \$ 11.50 / \text { each } \\
91126 & 100 \text { pc. 2" "T" Pins } & \$ 6.50 / \text { each }
\end{array}
$$

## Make Your Brown Eyes Blue NEW

 Wait, that's a different kind of Crystal. And WEM! this is a completely different take on crystal growing, which, when all is said and done, might make you want to sing the hits of the '70s. With this STEM 3D Crystal Growing Platform kit from The Young Scientists Club $^{\text {m" }}$, you'll build a (44)piece platform that has (31) crystal growing cups. Mix and add the crystal growing fluid, and you'll have one of the most unique silver, white and black crystal displays you've seen in a while! Looks sort of like a colony of mushrooms, or flowers made of ice. Ages $8+$. $\triangle$ WARNING: CHOKING HAZ-ARD-Small Parts. Not for children under 3 yrs.98070 Crystal Galaxy Kit \$17.50/ each

## Get Your Selenite Wands Here

These here selenite wands are quite the specimens. You know selenite? It's a variety of gypsum, and it's mighty purdy and crys-tal-ish. You'll get a wand of it, somewhere in the $5^{\prime \prime}$ to $8^{\prime \prime}$ long range, and maybe about a $1 / 2^{\prime \prime}$ on each side. What you do with it, besides look at it up close in amazement, is up to you. But you'll always be able to say, "Want to see my selenite wand?"

## 96465 5"- 8" Selenite Rod \$3.50/ each

## What's The Point Of Crystals?

Crystals are for pointing toward you or away from you, depending on what you believe or want, or for polishing, or just for looking at. You get a 3-pack of quartz point crystals, approx


1" to 2-1/2" long, ready for jewelry, display, or plain oldfashioned lapidarian fascination. Your hunks ofcrystal might have an actual point, might not: nature's like that.

## 94132 Quartz Crystals

\$5.50/ pkg(3)

## Box of Rocks

About 30-40 highly polished stones, all shiny, translucent, or brightly colored, ranging from $3 / 4$ " long to $1 / 8^{\prime \prime}$ long. Great for mosaics, jewelry, or aquariums.


## Break Your Own Geodes

Pop one of these roughly 1$1 / 4$ " dia stones into the toe of a sock, smash it with a hammer, and be the first person ever to see your real-as-Nature-makes-it geode!! Ninety percent of them have the familiar beautiful white crystals inside. Formed by volcanic action, they are found all over the world, but ours are from Mexico. There is no way to tell from the outside if they have crystal centers, but we will send you two just to raise your odds, and we haven't had a dud yet in our stores!! $\triangle$ WARNING: CHOKING HAZARD-Small Parts. Not for children under 3 yrs.

## 88823 Unbroken Geodes <br> \$4.75/ pkg(2)

## How Tight Is Your Hema?

Keep your magnetic hematite. Keep it tight! And keep it close because word on the street is, it has potential healing powers, or at least the ability to possiblymaybe boost your mood. At the very least the specimens we have are great for the fridge or the side of a file cabinet. They have a super-stylish and refined shiny-pewter look, and they're each about 3/4" to 7/8" x $1 / 2^{\prime \prime}$ thick. Plus, they look super-cool in
 bunches. Never hurts to have some nice, small reliable magnets hanging around--especially these, which won't lose their pull in your lifetime.

## 96593 Magnetic Hematite \$6.50/ pkg(12) <br> Buy 2 or More! <br> \$6.00/ pkg(12)

## It's a Little Gem!

Actually, it's a set of (36) different little polished gemstones and minerals from around the world, all identical sizes ( $1 / 2^{\prime \prime} \times 3 / 8^{\prime \prime} \times 1 / 8^{\prime \prime}$ thick), mounted and identified
 by name and origin on an 8 " x 10 " card. Super nice at a super price, for teachers, designers or jewelry makers. The set includes amazonite, amethyst, aventurine, black obsidian, blue lace agate, buttermilk jasper, carnelian, Dalmatian dacite, dumortierite, fancy jasper, fluorite, gold stone, hematite, howlite, jadeite, lapis, leopard skin jasper, mahogany,obsidian, moss agate, nephrite, Picasso jasper, orange calcite, picture jasper, rainbow jasper, rose quartz, rhodonite, rock crystal, rhyolite, red jasper, snowflake obsidian, sodalite, serpentine, tiger eye stone, turquoise and unakite.

## 92883 Gemstone Samples \$12.95/ each

## Slices Of Agate

Our best and prettiest-ever slices of polished agate, showing concentric rings of natural and dyed colors. The slices range from $3^{\prime \prime}$ to 4-1/2" across and from $1 / 8^{\prime \prime}$ to $3 / 16^{\prime \prime}$ thick. We've
 seen samples from milky white to blue, purple, red, yellow and brown. No two alike, by definition. We'll choose. Think scientific specimens, framed art, coasters, trivets, paperweights, or skipping stones for rich kids who don't want to search the beach for flat stones.

94131 Polished Agate Slab \$7.50/ each

## Motor Along

Everything you need to build a little DC motor is included in this kit (except sandpaper, screwdriver, scissors and, of course, an AA battery). The instructions are simple and explain the theory as well as assembly. Fun
 and educational. $\triangle$ WARNING: CHOKING HAZARD-Small Parts. Not for children under 3 yrs.

## 91508 Toy Motor Kit

\$10.95/ each

## The Wind Whispers Mariah

The wind also powers this 6-in-1 Wind-Powered Machine Kit, no batteries required. From Thames \& Kosmos, the STEM kit has (212) pieces, enough to build (6) different machines by following instructions in the (52)-page color manual. No glue needed. Build a big-wheel tricycle, fan boat, flying machine, walking robot and more. Give a kid the gift of learning while having fun. Ages $8+$. $\mathbb{U}$ WARNI NG: CHOKING HAZ-ARD-Small Parts. Not for children under 3 yrs.
98065 Wind Bots STEM Kit \$29.95/ each

## Radio Kit

An advanced kit compared to the others, a little more deluxe and a little more complicated. It is an AM/FM radio kit from
 Elenco with over 80 pieces divided into lesson groups. PC board shows component placement to help learning and to minimize errors. It has (14) transistors and (4) diodes and the case measures 11"x 5"x2-1/4" Soldering required. ©WARNI NG: CHOKING HAZARD-Small Parts. Not for children under 3 yrs.

## 89018 AM/ FM Radio Kit \$44.95/ each

## Begin Electronics!

Cool kit to introduce the beginner (age $10+$ ) to electronics. You will learn the basics of putting together circuits through over 50 proj-
 ects building devices like an alarm, a radio, a metal detector and more. The instructions explain voltage, current resistance etc. This kit from Elenco is a giant "breadboard" with wires that can be connected to form the circuits as explained in the instructions.. and all without soldering! ©WARNING: CHOKING HAZARD-Small Parts. Not for children under 3 yrs.

## 29781 Electronic Playground \$29.50/ each

## Closed-Cycle Power

This excellent and beautiful Stirling engine would make Robbie Stirling himself proud. Has a 1/2" piston stroke and sits on a $7^{\prime \prime} \times 3-1 / 2^{\prime \prime}$ wooden
 base. Comes with a small alcohol lamp to fire it, and is connected via a belt to a DC generator that fires some blue LEDs. Includes a spare hot gas container, power cylinder and piston-sealing ring, needle roller and silicon tube, which you shouldn't need for some time. You also get a trio of Allen wrenches for your tweaking needs..

## 95195 Stirling Engine

\$95.75/ each

## What Has Six Legs \& Follows You?

Zivko the Robot. Just call it "Zivko" because "the Robot" is it's last name. Using just screwdriver and side cutters, you build Zivko from this 107-piece S.T.E.M. kit. Set the mode for "Follow $\mathrm{Me}^{\text {" or }}$ "Explore," and Zivko will track you, or evade obstacles, respectively, via an infrared sensor and micro-controller programming. Interactive LEDs and sounds abound. Measures approx $5^{\prime \prime} \times 5-1 / 2^{\prime \prime} \times 6-1 / 2^{\prime \prime}$ when assembled with all (6) legs. You add (4) "AAA"s for power, which is the least you can do for someone this cute. Ages 10+.
96931 Zivko Robot
\$46.95/ each

## It's Code For Learning

If you feel like it's time you (or your STEM-interested kid) learned simple coding, we have just the robot to teach you. The EL10T Coding Robot from Elenco ${ }^{\circledR}$ is friendly and won't take over the universe-it promises.
 You use mission cards and insert code blocks into your robot's control panel and the next thing you know, you'll understand coding. Set a kid on a path to discovery! This is your first step to becoming a procoder. Robot has a USB port, and runs on (7) "AA" batteries, which you supply. $\triangle$ WARNI NG: CHOKING HAZARDSmall Parts. Not for children under 3 yrs. Jarvis says: Your entire order will ship standard ground when purchasing this item, additional shipping charges may apply. Contact us for expedited shipping information.

## 52046 Coding Robot

$\$ 49.50 /$ each
U OK With UK Robots? The five words every kid wants to hear: "Build your own space robot." It's robots, it's space, it's their own, and it's not only permission, it's a direct order. We have several kits from House of Marbles in the UK that carry that very nameBuild Your Own Space Robotand we'll send you (2) different ones just because we fancy you. The pair of samples we pulled from the warehouse recently included Voltar and
 Elektron, each with more than (200) pieces and a vintage, sci-fi, erector-set vibe. In other words, very cool, or maybe "brill," as they'd say in the UK. Instructions included, in'it, love? Ages 8+. $\triangle$ WARNING: CHOKING HAZ-ARD-Small Parts. Not for children under 3 yrs.
98066 Space Robot Kits \$41.95/ pkg(2)

## We're Sold On Solar Cells

Solar kits like this one are great for learning about the sun remotely because learning about it in-person is such a hassle. It's so far away, and so hot. Better to just learn down here with this Solar Cell kit from Tedco®
 Toys. Includes a $2-1 / 8^{\prime \prime} \times 1-1 / 8 " 1 / 2-$ volt solar cell, a small DC motor and a $4^{\prime \prime}$ dia diffraction grating disc that can mount to the motor shaft. Also comes with an excellent instruction sheet. Made in Hong Kong, assembled in the USA. Ages 9+.
89353 Solar Cell Activities \$14.95/ each

## Diving Submarine

Back in the days when technology was a good guy, kids got diving submarines that they charged with baking powder and played with in the bath tub. Now
 kids can have the same fun again. We have found a (gray) submarine, about 3" long, that can dive and surface up to a dozen times with a single charge of the baking powder that you get to supply. Comes with instructions. $\triangle$ WARNING: CHOKING HAZARD-Small Parts. Not for children under 3 yrs.

## 89189 Undersea Explorer <br> \$4.95/ each

Mana Potion, On The Rocks We supply the ingredients for the potion, your kid supplies the thirst for both knowledge and something to drink. Wizards get parched eas-ily-everybody knows that. From Tasty Labs ${ }^{\text {m }}$, this Thames \& Kosmos STEM Wizard Potion Science Kit with an approx $5^{\prime \prime}$ dia $\times 3-3 / 4$ " tall black cauldron (shahh, what kind of
 lets kids make (5) delicious potions-chemistry experiments they can actually drink! Also includes (8) ingredient packets, (3) round flasks, (1) measuring beaker, (1) wand with a sampling spoon on the end, and a (13)-page Experiment Manual. Ages 8+, which includes you, and you know you want one. ©WARNING: CHOKING HAZ-ARD-Small Parts. Not for children under 3 yrs.
98061 Wizard Potion Kit
\$24.95/ each

## Snowball Fight In A Box

From Zimpli kids we bring you SnoBall Battle Pack. A packet of Sodium Polyacrylate that turns Science into an all-out snowball fight. Just add water to create your own snow. Packet contains 2.820 to create up to 60 snowballs. The rest is up to you and your
 kid's friends. Winter not included.

## 42428 Insta-Snow Powder \$2.95/ each

 someday your kid might take down a politician! Also includes a UV flashlight to find hidden messages, fingerprint powder, pH test strips and close to (30) other pieces. You supply (1) "AAA" battery, a Phillips screwdriver, water-soluble black markers, and various foods and common household materials. Oh, and the curious, truthseeking kid. Ages 8+. ©WARNI NG: CHOKING HAZARDSmall Parts. Not for children under 3 yrs.
98060 Forensic STEM Kit \$34.95/ each

## Run, Gecko, Run!

From the awesome Thames \& Kosmos, this Gecko Run Marble Run Starter Set is kind of like a hott wheelz track, but for marbles, and way more innovative. Your kid uses the more than (60) total parts to intuitively build countless combinations of unique marble run tracks for the included (7) marbles to whiz through. Flexible tracks and stunt elements such as funnels, bridges, levers and switches stick to walls, doors and windows with the included adhesive pads, which won't leave residue when removed. We also have Gecko Run "Snake" and "Twister" Expansion Sets, which'll make the Starter Set even more mind-bending. Learning and fun-that's what we're all about. Ages 8+. ©WARNING: CHOKING HAZARD-This toy is or contains a marble. Not for children under 3 yrs.
98062 Gecko Run Starter \$34.95/ each 98063 Gecko Run Snake \$14.95/ each 98064 Gecko Run Twister \$14.95/ each

## Oscillation By Repulsion

Could be a new line of cologne, but in fact it's a clever kinetic action demo kit called Wave Wires $®$ with magnets marked for polarity, and mounted on (4) $8-1 / 2^{\prime \prime}$ long wires attached to a $4-1 / 4^{\prime \prime}$ square steel base. Includes a dozen $1 / 2^{\prime \prime}$ dia steel disc weights, an
 acrylic ring and an 8 -page activity booklet. The attraction/repulsion magnetic properties cause the magnets to swing on top of the wires like old-time circus acrobats. Ages 8-14. Really cool, if we don't say so ourselves.
96843 Magnet Demo Kit \$14.95/ each

## Powered By Feets

Just like the original Stomp® Rocket but slightly smaller for slightly smaller feet, the Stomp® Rocket Jr. Glow also, you guessed it, glows in the dark. Includes (4) 8-3/4" tall foam rockets, launch tripod, 3 -foot hose and the launch-
 ing pad on which you stomp to launch it up to 100 feet. Runs on air alone so it's safe. For ages 3 and up, depending upon shoe size. $\triangle$ WARNI NG: CHOKING HAZARDSmall Parts. Not for children under 3 yrs.
94074 Stomp Rocket J r.
\$17.95/ each

## $\mathrm{Me}, \mathrm{Me}, \mathrm{Me}, \mathrm{Me}$, Mee

You can start with our single aluminum tuning fork, 2 -tined and 7$1 / 2^{\prime \prime}$ long. It vibrates at 256 hz , and is labeled " C ". Or you can order the set that has (8) forks and a mallet with a rubber-tipped plastic head. The forks are labeled low- C to high- C and come in a fitted, latched wooden box. Unfortunately, C.J., who has perfect pitch, tells us that his pitch is more perfect than most of the tuning forks. He also says you can file the tips, tuning them to an electronic keyboard until they're perfect - and we think there's a certain cachet to telling people you tuned the forks yourself.

## 91185 Tuning Fork <br> 91772 Tuning Forks Set

\$5.25/ each

## Toy Train In A Tin Can

More fun than a canned ham, this flip-top storage tin has a train set inside, with a plastic steam engine, tender, boxcar and caboose, as well as a 12piece track that forms a 10 " x 22 " oval. Tin and train car colors may vary. You add a "AA" battery and you're the engi-
 neer. $\triangle$ WARNI NG: CHOKING HAZARD-Small Parts. Not for children under 3 yrs.

## 95451 Train In A Can

\$11.85/ each

## Original Slinky

Does anyone need to be told what a Slinky ${ }^{\circledR}$ toy is?? Okay, it is a very slack spring, 2-7/8" dia x 2-1/2" long, compressed. It will stretch out to about 5 or 6 feet long without deforming. That's the boring part. The
 interesting part is that it "follows" itself.
Slosh it from hand to hand. Put in on the top step of stairs, flip the end down a step, and watch it walk down stairs, or down an incline (they can do it alone, but we recommend them in pairs). Believe us, no childhood (or adulthood) is complete without an original steel Slinky®.

## 88701 The Original Slinky ${ }^{\circledR}$ \$6.50/ each

 You Might Get An Old Shoe! We don't have a monopoly on all the cool stuff in the world, but we do have most of it, including this $3^{\prime \prime} \times 5$ " $\times 3$ 1/2" plastic Monopoly ${ }^{\circledR}$ Community Chest ${ }^{\text {m }}$ containing rare, hard-to-find tokens. Hinged box opens to reveal a booklet and (10) surprise col- lectible tokens. We hated to even open ours, but when we did we found a gold Free Parking sign, an Auctioneer's Gavel, (2) metal hotels, (2) different Uncle Pennybags ${ }^{\text {Tm }}$ figurines, a Golden Briefcase (filled with cash, of course) and a Golden Baby Carriage. It was so much fun, we didn't even have a desire to spend nine hours playing an actual game of Monopoly ${ }^{\circledR}$. Jarvis Says: Tokens are a random surprise. $\triangle$ WARNING: CHOKING HAZARDSmall Parts. Not for children under 3 yrs.
50812 Monopoly ${ }^{\circledR}$ Surprise $\$ 12.50 /$ each

## Squirrel In A Stump

That's one of our favorite bluegrass tunes, but it's also this very satisfying rubber-flexible plastic popup toy that seems to eat up hours of our time. Imagine how intriguing a kid will find it! The base is a light brown tree stump, 2-3/8" dia and $2-3 / 8^{\prime \prime}$ tall, and when you squeeze it, the
 1" darker brown squirrel inside pops up. Squirrel has black eyes, a black nose and a single white tooth, and you can see his ears and arms when he pops out. Sorry, gotta go. More squirrel-popping to do.
97942 Pop-Up Squirrel
\$3.40/ each

## Rattlesnake Egg Magnets

Or singing suppositories. The pair is very magnetic, whatever they are. The 1-3/4" long prolate spheroids look like highly polished black hematites. Hold them an inch apart in your palm, toss 'em into the air and listen to them make a sound like the cybercrickets. Or an electrocuted chicken.

## 92593 Rattlesnake Magnets \$2.00/pair

## Push The Yogi, Surpie

 For all you Surpies who like the idea of yoga but don't want to do it yourself, your ship has come in! We have a 6 " tall, all-wooden marionette push puppet that's hinged at all the major joints, which means it's probably good for artists to draw, too. Just push the big wooden button on the bottom and it collapses and dances through various poses like a drunken sailor. Namaste. From the always awesome Kikkerland ©.
51006 Yogi Push Puppet \$6.95/ each

## Tiny Laser Guns

When someone asks you to bring out the big guns, leave these in the drawer. Called the World's Smallest Laser Guns, these (2) space
 ies and either blue or red highlights. They measure a petit $3-1 / 2^{\prime \prime}$ long $\times 2^{\prime \prime}$ tall $\times 1 / 2^{\prime \prime}$ wide-probably not big enough to take over a galaxy. The look? Not quite Buck Rogers or Star Wars, but definitely cool. Pull the trigger and one of (8) different sounds will play while the LED lights up and flashes along. Ages 4+. ©WARNING: CHOKING HAZ-ARD-Small Parts. Not for children under 3 yrs.
98003 Mini-Laser Guns \$4.95/ each

## Real Go-Getters

 Get these vehicles that go, and go get some fun. We have (2) deliciously colorful plastic vehicles and you're gonna love 'em. You pick: the $4^{\prime \prime} \times 4-1 / 2^{\prime \prime}$ press-and-go Carrot Car, orange with a leafy green tail and a beige smiling bunny driver that you press down to make the car go on its little green wheels; orthe $5-1 / 2^{\prime \prime} \times 4^{\prime \prime}$ wind-up floating Submarine, which is yellow, blue, red and orange with spinning paddle wheels. Ages 3+. $\triangle$ WARNI NG: CHOKING HAZARD-Small Parts. Not for children under 3 yrs.
$\begin{array}{lll}98073 & \text { Push-In Carrot Car } & \$ 4.95 / \text { each } \\ 98072 & \text { Wind-Up Submarine } & \$ 7.65 / \text { each }\end{array}$
98072 Wind-Up Submarine \$7.65/ each

## Duck!

Spin the ribbed 7" handle of this hand-powered prop between your palms, and watch it take off. (If it lands instead of flying off into the wild blue yonder, reverse the spin!) Neon handle, bright, metallicflaked 8" propeller, and a lift so high we imprinted it with our logo - the airborne Jarvis. It's all plastic, and won't decapitate anyone, but it's still for 10-year-olds and up.
91482 Spinny-Gig
\$5.95/ pkg(3)

## Our Silliest Toy Ever

And we say that with a history of silly that's virtually unmatched. You slip on this pair of lens-less glasses with the tiny bucket and ball on a string attached, and try, while looking like a demented chipmunk, to swing the little ball on its cord and drop it into the cup. In red and blue plastic, you will be filmed on a smart phone and it will be put on social media you will be famous for it for the rest of your life. Best to order a couple so you're not alone.

## 96896 Spectacle Ball Catch \$4.95/ each

 Carry as many new cards with you as you like, and work on them anywhere. Much easier than toting around a full book of mostly-finished puzzles. Ages 8+.
50811 Sudoku Card Set \$2.95/ each

## Puzzling, Dr. Freud... <br> Drive yourself delightfully mad trying to figure out how this 6 " long brainteasing Freudian Slip Puzzle box works. Your job is to free the $3^{\prime \prime}$ long pencil out from under the clear plastic window to reveal the hidden quote from Siggy, which is what his friends called him. You can call him Dr. Freud. And while you're at it, call your mother. <br> 

50884 Freudian Slip Puzzle \$5.95/ each

## Fun At The Old Ball Game

You love the classics, and Professor Puzzle brings them together in this handheld tabletop baseball pinball game. Measures 10 " x $5^{\prime \prime}$ with a spring-loaded ball launcher and wheels that spin and bounce the (5) plastic balls around, sending them in the direction of (6) different cups and ultimately, a ball maze. Throwback graphics and colors will remind you of your love of the game. Ages 6+. $\triangle$ WARNING: CHOKING HAZARD-This toy is or contains a small ball. Not for children under 3 yrs.
50886 Baseball Pinball \$5.95/ each

## Remember Memory?

We had something really clever to say about this Memory Maze electronic brain teaser, but in all the commotion, we forgot. To keep our memory sharp, we should probably do more brain teaser exer-
 cises, like this $2-1 / 2^{\prime \prime} \times 2-1 / 2^{\prime \prime}$ Memory Maze, which is kind of simon-like, and fits easily in our pocket. Oh wait, now we remember what we were going to say-this Memory Maze is awesome! Ages 5+. ©WARNI NG: CHOKING HAZARD-Small Parts. Not for children under 3 yrs.
98004 Memory Maze Game \$7.25/ each

## It's A Puzzling Game

Normally we'd be referring to life itself, but in this case we're letting you know about this action-packed, super-fun, logic-based Genius ${ }^{\text {TM }}$ Star puzzle game for 1-2 players. Roll the dice, place the blocker pieces on the game board and try to complete the grid using the puzzle pieces. When you play mano a mano, do all of the
 above and see who can complete their board first. Even when you're not racing someone, you'll find this game an endlessly challenging and satisfying test of logic, since there are more than $(165,000)$ possible puzzles with $(5)$ difficulty levels. Think of how many rainy days that would fill! Now think of those same days but sunny! $\triangle$ WARNING: CHOKING HAZ-ARD-Small Parts. Not for children under 3 yrs.
98081 Grid Puzzle Game $\$ 26.50$ each

## Puzzle Cube Craziness!

This mini version is just as frustrating and the big one and it was all the rage in the late 70's...80's...90's...oh, heck with it they are still all the rage. This pocket sized mini version is great to hand out as freebies, kids parties or just to have in the desk drawer at work or school. At only 30 mm (A little over an inch) they fit perfectly everywhere.

## 50484 Mini-Puzzle Cube

\$2.50/ each
Buy 4 or More!
\$1.50/ each

## Smart Enough To Open It?

Want to prove how smart you are or go batty trying? We're still going batty trying. J oin us-it's fun! We'll send you (1) of our (4) wooden Mysterious Puzzle Boxes, 6" x 2 " x 2-5/8," rated as either "challenging" or "impossible" to open by the manufacturer. Each is stained a different color and includes instructions (solutions)
 to open (4) different kinds of boxes. All have slots in the sides to insert money, coins or other small things. We're working on the "impossible" difficulty version at the moment, and we have to say, it's accurately rated so far. This could take up hours of a kid's (or adult's) day, and it's better than watching TV. Good luck. We have to get back to our puzzle box. Ages 6+.
98005 Mystery Puzzle Box \$10.95/ each Our Smartest Gears
There's a reason these are called IQ Gears-because they put your brain in high gear. It's an IQ logic game that challenges you to fit all the gears on the game board by connecting the side wheels so they spin togetherand the game itself is guessing you will fail miserably. We have more faith in
 you than that. Has (120) challenges at (5) difficulty levels from easy to expert. Our resident gaming master Ellen rates this a "natural 20" and claims the expert puzzles left her wanting to play chess just to unwind. Stimulates concentration, problem solving and logical thinking. Ages 7+.
98082 IQ Logic Game \$15.95/ each

## Little Walter Would Approve

He was born Marion Walter Jacobs, and in his sweet home Chicago he changed the way the harmonica was played. They called him Little Walter, and his blues harps were standard size, but oh, how he would have loved this Little Harmonica from the folks at World's Smallest. Measures 1$3 / 8^{\prime \prime} \times 1 / 2^{\prime \prime} \times 3 / 8^{\prime \prime}$ with (4) holes and (8) notes. Made of metal, just like the real thing, and plays in the key of C . Has a small lobster clip on the side so you can attach it to your zipper or keychain and entertain people anywhere you go. If you get lost in the woods, it's way more fun than an emergency whistle. Back of the package names the different parts of a harmonica and tells you which notes blow and which notes suck. Yours will sound beautiful either way, just like Little Walter's. Ages 6+ ©WARNI NG: CHOKING HAZARD-Small Parts. Not for children under 3 yrs.
98002 Mini Harmonica
\$4.95/ each

## Tiny Tools

From our friends at World's Smallest, here's another diminutive delightthe World's Smallest Tool Kit, and it's fully functional. Red plastic hinged toolbox measures approx $2^{\prime \prime} \times 1$ $1 / 2^{\prime \prime} \times 1-1 / 2^{\prime \prime}$ with a folding black handle and a lobster claw snap connected to a $1^{\prime \prime}$ chain. Tool inventory includes Phillips and slotted screwdrivers, each with a bottle opener, and a 3 -foot (1m) tape measure. Great for small jobs, or for anyone trying to be funny. Ages $6+$.! WARNING: CHOKING HAZARD-Small Parts. Not for children under 3 yrs.

## 98001 Miniature Tool Kit \$6.50/ each

## Play The Piston Flute

Or the Swanee whistle. Whatever you call it, this little slide whistle (just consider it the smallest trombone in the universe) has an outsized musical history. No elevator has ever fallen in a cartoon without its accompaniment, and no jug band is complete without one, but Louis Armstrong also played one on his Hot Five recordings, and Ravel even required one in an opera score. In assorted plastic colors with a steel slide, 6 -7/8" long $\times 1 / 2^{\prime \prime}$ dia.
93011 Slide Whistle
\$4.25/ each

## Back To Basics

It could have been called an Alabama Buzzer after Alabama Vest, the man who invented it. Or a Clegghorn, after Thaddeus Von Clegg, the clock master who fabricated the first one. But the hand-crafted $4-3 / 4$ " long steel instrument was a simple amusement, and the 1840s were a simple time. So it's simply a kazoo. $\triangle$ WARNING: CHOKING HAZ-ARD-Small Parts. Not for children under 3 yrs.

## 92395 Classic Metal Kazoo \$3.95/ each

## Fidget With The Sizes

Here's a fidget toy you can fidget with while you're fidgeting! This bright, multi-colored ring expands and retracts, from 5 " dia to just under 10", and works well as a flying disc or halolike headpiece. Its shapes, colors and movements will keep active minds and hands occupied for hours. Easy to store
 or slip into a bag, at about $1 / 2^{\prime \prime}$ thick.

49942 Flying Fidget Disc
Buy 5 Or More!
\$2.95/ each \$1.50/ each

## LED-Light-Laser-Spinner

 We don't know where to start with this fidget WEMO spinner that's also an ultra-bright LED flashlight and a laser pointer! We think we'll just start with the spinner feature and think about the other things one-by-one. That's what spinners are for, aren't they? Clearing the mind? There, that's better. Ooh, nice action. Measures approx $5-3 / 4^{\prime \prime}$ long $\times 1$ -$1 / 2^{\prime \prime}$ dia and looks sort of like a little submarine, black with a green middle where the finger holds are. Spins like an airplane propellor. Fidget and shine to your heart's content. Flashlight is great to have in a purse or pocket when it's time to fiddle with your keys in the dark and what have you. ©WARNING: CHOKING HAZARD-Small Parts. Not for children under 3 yrs.
98057 Fidget Spinner Laser \$6.75/ each

## Our Money Maker

Freeze-it's a money gun! This "gun" looks more like the one the fuzz uses to check your speed than the one they keep in their holsters. In metallic gold (what else?) with the words "Money Gun" on the
 side, it spits out bills from a slot in the front. Would work nicely in a music video! Shaped like a gold brick, approx $7-1 / 4^{\prime \prime} \times 3-1 / 3^{\prime \prime} \times 2-1 / 2^{\prime \prime}$, with a pistol handle/trigger, the MG comes with a $3 / 8^{\prime \prime}$ high stack of fake $\$ 1,000$ bills (you thought they'd be real at this price?), but will work with actual Benjamins if that's how you roll. Great for family games, holidays, parties and the aforementioned music videos. You supply (3) "AA" batteries. Ages 6+. $\triangle$ WARNING: CHOKING HAZ-ARD-Small Parts. Not for children under 3 yrs.

98087 The Money Gun
\$16.50/ each

## A Better Way To Fidget

This fidget toy doesn't spin, and that's the appeal. It's a Magnetic Magic Cube that measures 2-1/2" on all sides, it being a cube and all.
 thangeable since it's lots of angled pieces, and can be opened into (72) different shapes! That's a lot of fidgeting, friends. Some shapes are shown in instructions, but you or your lil' fidgeter will surely figure out the rest. Contains rare earth magnets to help the new configurations stick together. Our sample was awash in splashing color. Ages 5+.! WARNING: CHOKING HAZ-ARD-Small Parts. Not for children under 3 yrs.
97945 Magnetic Magic Cube \$6.75/ each

## Throwin' Shadows

With the help of these (12) beautifully illustrated instructional cards from the 1859 bestselling book Hand Shadows by Henry Bursill, you'll amuse and amaze your friends with your newfound hand-puppet artistry. The walls will come alive, we say! Packaging and cards have an "old timey" aesthetic to them, like from the days of sideshows and potions. Fun and silly, but the goat hand-shadow is legit, Surpies. Cards are totally frameable, too. Ages 4+. ! WARNING: CHOKING HAZ-ARD-Small Parts. Not for children under 3 yrs.

## 97998 Shadow Puppet Cards \$6.75/ each

## Yo! Yo-Yo-Yo!

These classic wooden yo-yos are 2-1/8" dia $\times 1-3 / 8^{\prime \prime}$ high. Sides have a painted circle with multiple, different-colored rings around it. Nice action, with a pre-tied finger loop in the string, and you can't get much more old-school-toy than a wooden yo-yo. We'll send you (3) of them. Yo! Yo! Yo!


## 97943 Wooden Yo-Yos \$5.95/ pkg(3)

## No Haircut, Just A Comb

You can't cut your hair, or anything, with this switchblade-like device because when the "blade" flips out, West Side Story-like, it's actually a comb. Measures 9 " overall when the comb is out, $4-1 / 2^{\prime \prime}$ when folded. Quick ejection action is cooler than any greaser you ever met, pallie. Has a push button and a slide that locks and unlocks. In classic black and chrome. Now, which one are you-a Shark or a Jet? Ages 5+. $\triangle$ WARNING: CHOKING HAZARD-Small Parts. Not for children under 3 yrs.
19084 Switchblade Comb \$4.75/ each

## Have You Lost Your Marbles?

We have pouches full of 'em, all made in Mexico, where the best marbles come from. You pick from (7) varieties: with (1) 25 mm shooter and (24) 16 mm player marbles, in various colors and styles; OR the Pound of Rounds, assorted marbles (more than 60), mostly $9 / 16^{\prime \prime}$ but up to $1-5 / 16^{\prime \prime}$ in various colors and styles; OR the (10) marble Solar System set, in a net bag, including (1) 35 mm boulder for the sun, (9) 25 mm shooter marbles for the planets, and (10) display rings to keep them in place on your desk or shelf. Ages 5+. ©WARNING: CHOKING HAZARD-Small Parts. Not for children under 3 yrs.

| 97696 | Cat's Eye Marble Set | $\$ 4.50 /$ each |
| :--- | :--- | :--- |
| 97697 | Sea Turtle Marble Set | $\$ 4.50 /$ each |
| 97698 | Moon Glow Marble Set | $\$ 4.50 /$ each |
| 97699 | Ice Queen Marble Set | $\$ 4.50 /$ each |
| 97929 | Bumblebee Marble set | $\$ 4.50 /$ each |
| 97930 | Ladybug Marble Set | $\$ 4.50 /$ each |
| 97931 | Supernova Marble Set | $\$ 4.50 /$ each |
| 97701 | Pound O' Rounds | $\$ 7.95 /$ each |
| 97702 | 10 pc. Solar System | $\$ 7.50 /$ each |

## Unicorn \#2

Yes, we mean that \#2. For some reason, all of a sudden, we didn't want to write the word poop. This non-toxic liquid slime comes in a wavy triangu-lar-ish plastic flask and is called Unicorn Poop, and we give it two horns up. Flask is about $4^{\prime \prime} \times 3^{\prime \prime}$ with a fun label and a purple cap. This is good slime, friends, more gloopy than liquidy, and with a nice, metallic glitteriness.

## 50423 Unicorn Poop Slime \$2.50/ each

## We're Making Googly Eyes <br> We're making them right at you-so you can make something googly and goofy with them. This bag has approx (300) crafty googly eyes, each black and jiggly like a good google eye should be, and approx $3 / 16^{\prime \prime}$ dia. You already know what to do with them. ©WARNING: CHOKING HAZARD-Small Parts. Not for children under 3 yrs.

98084 300(ish) Googly Eyes \$1.95/ each

## Gyroscope

2" flywheel in well made metal frame. The trick is the same as it has been for 100 years. Wind the string through the spindle, pull it firmly to set the flywheel spinning, and perform effortless balancing magic on pencil tips, string tightropes, and the like. We tend to forget that bicycles and aircraft
 navigation both rely heavily on gyroscopic principles. It's never too early to tell the kids. Besides, it's fun. $\triangle$ WARNING: CHOKING HAZARD-Small Parts. Not for children under 3 yrs.

## 3804 Classic Gyroscope <br> \$10.95/ each

## We Found Your Marbles

Why yes, at least we think we have. This 1/2- WEM! lb bag of glass beauties. Our sample was opaque white with swirls of blue, yellow and orange (but there may be other variations). Marbles measure approx $5 / 8^{\prime \prime}$ dia, and the set also includes a $1^{\prime \prime}$ dia shooter. You'll get (50) marbles and (1) shooter. Don't lose these. $\triangle$ WARNING: CHOKING HAZARDSmall Parts. Not for children under 3 yrs.

## 50810 Bag O' Marbles

\$2.95/ each

## Arrowcopter

Shoot one of these little plastic arrow-helicopter-rotor gismos straight up with the included rubber band launcher and watch it soar as far as 300 feet! A fun outdoor toy that grows in sophistication as you learn
 wind conditions and flight patterns: distance, return, circular descent etc. Our "each" contains a package of two (2). Recommended for kids over the age of 9 .
89602 Flying Arrowcopter ${ }^{\text {Tm }}$ \$9.50/ each

## Sunprint® Kit

Sunprints (or cyanotypes, or photograms) are everyone's favorite photo-sensitivity experiment, from third-graders to graphic artists and fine artists. You pick: The mini Sunprinters are a dozen $3-15 / 16^{\prime \prime}$ square sheets of photosensitive paper, an acrylic
 backing sheet and instructions. The large Sunprint Kit has (15) sheets of $12^{\prime \prime} \times 7-3 / 4^{\prime \prime}$ photosensitive paper plus a clear acrylic sheet of the same size. Great for classroom demonstrations, and can be used to make prints from photo negatives as well as interesting effects from opaque or translucent objects. All you add is sunshine and water.

## 3805 Mini Sunprint Kit \$6.50/ each 93519 Jumbo Sunprint Kit \$19.95/ each

## Paint Your Puzzles

Or color them with permanen markers, or crayons, or finger paints. See where we're going here? You, or a kid you love, can design this (2)-pack of blank jigsaw puzzles any way y'all's little hearts desire. Make them very adult or wonder at the innocence of childhood. Puzzles are plain white, approx 6 " $\times 8$ ", (1) in a heart shape, (1) rectangular, with approx (18) to (20) pieces each. Set also comes with (2) mailing envelopes so you can send your customized puzzles as gifts. Talk about making someone's day. $\triangle$ WARNING: CHOKING HAZARD-Small Parts. Not for children under 3 yrs.

## 98056 DIY Puzzle Kits <br> \$1.95/ each

## Not Literally Spiral Art

The pages of this $5-1 / 2^{\prime \prime} \times 8-1 / 2^{\prime \prime}$ sketch pad are blank, with no horizontal lines and no spiral ones, either. The binding is spiral, see? Like a spiral notebook? Except these pages are higher-quality, acid-free, recycled art paper for drawing and sketching with pencils, pens, pastels, markers and crayons. They're perforated, too, so when you finally sketch your masterpiece(s), you can gently tear them out and frame them. Has (2) black hardcovers and (100) perforated pages, (80) white and (20) black. From Thornton's Art Supply.

52146 Spiral Sketch Book \$4.15/ each

## Paint With The Sun

Yes, Surpies, with this amazing kit-we've done it again!-you can harness the power of the sun to create one-of-a-kind art on greeting cards. Includes (12) sheets of $4 " \times 6 "$ sun art paper, (1) 4" $\times 6$ " acrylic panel
(10) greeting cards and envelopes, and
(78) foam letters for your inspired messages. Made in the USA. $\triangle$ WARNING: CHOKING HAZ-ARD-Small Parts. Not for children under 3 yrs.
97922 Solar Greeting Cards\$15.50/ each

## Pencils For The Blender

Keep these 7" long Premium Blender Pencils away from the machine you use to make milkshakes and margaritas. They're for a different kind of blender-an artist who blends. They're colorless, see? They're also pre-sharpened with an attractive natural wood barrel, which also helps you distinguish them from the colored ones. Use them to blend and soften edges of colored pencil work without altering your palette. Every self-respecting artist has a supply on hand. This great (6)-pack has your name on it-and Thornton's ${ }^{\text {TM }}$ Art Supply's name on it, too.

## 521496 Blender Pencils \$3.95/ each

## The Full Spectrum Pen

One pen, nine colors. Develop complicated note-taking systems, or just send colorful hate mail with this $6-1 / 4^{\prime \prime}$ long ballpoint with cartridges in black, orange, dark green, purple, light green, red, brown, magenta and aqua. Slide the button of the matching color to write, push the top down to release it.


## 94430 Multicolor Ballpoint

\$4.25/ each

## Nose Sharpener

Stick the dull, but leaded end of your wooden pencil into the left nostril of this nose and twist clockwise. You will be rewarded with a shiny sharp point on the pencil and a curl of shavings on your desk, lap or floor. Pretty good performance for a life sized, flesh colored
 piece of hard plastic!! If you want to sharpen things up around the office or home, send for the following item, and prove you have a nose for great deals!!

## 89102 Nose Sharpener

\$6.95/ pkg(3)

## Great Color, Less Mess

John Singer Sargent didn't use crayons for his watercolor paintings, but that's only because he didn't have them. He probably would have loved these (15) premium watercolor crayons from Faber-
 Castell®. The pigment-rich, washable paint is in the crayon itself, and the kit comes with a brush and storage tray. Crayons are triangular-shaped for more control, and their colors span the spectrum. Ages 3+.

## 97579 Watercolor Crayons \$15.95/ each

## Tape Couture

Attention, Surpie Oscar de la Rentas! We have Mini Fashion Tape! Actually, we have no idea what this stuff is, but we have a feeling it's awesome. We also know it's not the clear, double-sided stuff you use to keep clothing stuck to your
 skin. This stuff has pizzazz! We'll send you (6) mini rolls of assorted sparkly glam tape with a dispenser, and you'll find good uses for it. Tape dispenser is $1-1 / 2^{\prime \prime}$ long and $1 / 2^{\prime \prime}$ wide to fit the $1 / 2^{\prime \prime}$ wide rolls that come in combinations of blue, pink, purple, orange, gold and silver, and they're oh so sparkly.
50999 Fashion Tape
\$1.50/ each

## Quartz Movement

Make your own custom clock in a tick with this quartz movement. It's in a 2 $3 / 16^{\prime \prime}$ square $\times 5 / 8^{\prime \prime}$ thick black-plastic case with a built-in hook for hanging it. Comes with minimalistic hour, minute
 and second hands, the latter (2) of which will extend 2 " from the clock's center. You supply (1) "AA" battery and the clock face.

## 92307 Quartz Clock Motor \$5.95/ each

## Scratch Out A Purdy Picture

From our friends at Prang ${ }^{\circledR}$, this (36)-piece colored pencil set includes bright and pas-tel-like colors ranging through the rainbow all the way to brown, tan, gray, black, white, metallic gold and silver. Pencils are pre-sharpened and made of real wood, $7^{\prime \prime}$ long and $1 / 4^{\prime \prime}$ dia. Non-toxic, of course. Back of box shows different pencil techniques!

## 5051836 Colored Pencils



$$
\$ 5.90 / \text { each }
$$

## Write And Draw In Color

 This (36)-piece Colored Pencil Set from NEM! Thornton's ${ }^{\text {mim }}$ Art Supply includes stan-dard-sized, 7" long, round-barreled, presharpened pencils in all the colors of the rainbow and some beyond the rainbow, too. You know-where bluebirds fly. Yellows, oranges, reds, pinks, greens, blues, browns, black, white, graythey're all there. Pre-sharpened, and each with a color name printed on the barrel. Reusable package has a hanging hole, too. Need a sharpener for later? We have those, too.

## 5214836 Colored Pencils

\$6.45/ each

## Smash This Book!

A card, a regard, a tidbit, a smidgen, a doodle of a poodle... OK, we couldn't read past that without smashing whoever wrote
 it inside the cover, but you get the idea. This smash book is perfect for ticket stubs, magazine clips, snapshots, project ideas, souvenirs, favorite quotes, you name it. Glue in the gladness, as that same overzealous poet trapped in a stultifying marketing job wrote. The hardcover spiral-bound book has (26) pages, in color, with designs, patterns and photos-some in 3D. Includes 3D glasses and a black fine-tip marker with a screw-out glue-stick tucked in an elastic loop. You can even decorate the empty brown board-like covers.

## 52110 3D Smashbook

\$9.50/ each

## Keep Your Powder Dry

And don't take any wooden nickels! We love the old sayings, but we love this new phosphorescent, glow-in-the-dark powder even more. Comes in (3) col-ors-green, pink and yellow-and we'll pick one for you. It'll arrive in a nice, 5 " clear plastic test tube with a screw-on
 cap. Ideal for crafts, haunted houses, raves and more. You mix it with a medium of your choice and let the fun begin. It's the cat's meow! Instructions included.

## Make Solar Jewelry

Take these (250) little translucent beads into the sunlight and they burst into assorted colors faster than you can say "assorted colors." How do they do it? Well, they're UV-reactive, that's how.
Mostly pink, purple, rose, yellow and cream and they fade to a nice pearly color inside. Amaze your friends at picnics. Beads measure $5 / 1^{\prime \prime}$ dia $\times 1 / 4^{\prime \prime}$ with a $5 / 32^{\prime \prime}$ bore. Come with classroom application notes.
95139 Ultraviolet Beads
\$5.95/ each

## Calling Homers \& O'Keeffes

It's high time you started putting brush to NEM! paper, and we have just the kit to get you started. With this Artle® Watercolor Paint Set you'll get (53) different classic, neon and pearlescent colors in mostly 1 " dia pods with some up to $2^{\prime \prime}$ dia, (1) wooden paint brush and a really nice hard plastic case with a white bottom and a
 clear snap-top lid that doubles as a mixing palette. Great for a kid, but great for you, too. ©WARNI NG: CHOKING HAZARD-Small Parts. Not for children under 3 yrs.
5091453 Watercolor Paints \$9.50/ each

## Artist's Brushes

Maybe a little eclectic for an artist with a single style, but perfect for one who's still searching for himself. Or for any hobbyist. They all have natural bristles, colorcoded wooden handles and metal ferrules, but they range from fairly fine to $1 / 2^{\prime \prime}$ wide, and 7 " to 10 " long. There are at least (3) different kinds of bristles, and they are round, blunt and pointed. A nice variety, and a very nice quality for this price.

## 91856 Artist's Brush Set

\$3.95/ each

$1 / 2^{\prime \prime}$ dia, 40 g ( $1.5-\mathrm{oz}$ ) plastic cups, (2) per pack, each with a see-through, snap-on lid. We'll send you (4) packs for a total of (8) cups o' clay. $\triangle$ WARNING: CHOKING HAZARD-Small Parts. Not for children under 3 yrs.
52153 Craft Clay Cups
\$14.50/ each

## Paint Your Wagon, Or Whatever

Painters need paints, right? This set of (24) acrylic paints from Zenacolor® includes all your favorite blues, reds, yellows, whites, grays, and black, even a hooker green. (hey, we don't name them) Tubes are 12 ml each, and
 come in a nice $9^{\prime \prime} \times 7-1 / 2^{\prime \prime}$ storage box.
49292 Acrylic Paint Set
\$12.50/ each

## For Little Birdies...Or Bogeys...

Surplus! These (former) promo items are 5" tall golf bags, mostly clear with primary color accents. Best of all? No logos! Golfers use them to store (3) balls. There's also an outside pocket for pencils, tees and ball makers, and that pocket is zippered just like the main compartment is. Each bag has a plastic snap clip so you can hang it from something-like an actual golf bag. But you don't have to use
 it for golf. It appears that only blue bags remain, but much like the fairway: conditions change without warning, so you might get another color instead.

## 50026 Mini Golf Bag

\$3.95/ each

## Flower Power

We have a mauve-ish, rose-ish backpack that's so cute (and sturdy and light), we wish we were 8 years old again, or ironic enough to wear it as an adult. Says "eeBoo" (the brand name) on the flap that covers an exterior zipper compartment
 and the roomy main compartment with a zipper compartment inside and a sewn-in name tag. Even when the flap is down, help by magnet fasteners, it doesn't cover the (52) colorful embroidered flowers on the bottom half of the bag. Has (2) padded, adjustable straps and a canvas hanging/carrying loop. Measures $10^{\prime \prime}$ $\times 16^{\prime \prime} \times 2^{\prime \prime}$ but expands when it's stuffed.
51047 Flower Backpack
$\$ 9.50 /$ each

## Perfect For Necking

Before we got into this business, we never knew about such things as neck purses. Now, when we hear mentions of neck purses, we shrug and go, "Duh." This one measures 9 " tall $\times 5-1 / 2^{\prime \prime}$ wide with (3) stacked zipper pockets in front reaching down as deep as the purse and another one on the back. Also has a snap pocket on the front. In classic black, and made of what we would call leatherette but they call lambskin. Know what else it has? Of course you do-a neck strap! Think of it as a larger version of the passport holders people wear around their necks, or the big laminates you get at a conference.

## 50785 Neck Strap Purse \$7.50/ each

## Black Duffle, Orange Stitches

Here's a good-looking 24 " x 12" duffle bag that you'll won't have to search hard for on the baggage carousel. Yes, it's black, in resilient unwashed cotton canvas, but the stiches are orange, and so is the militaryesque printing on one side. Has
 a nice $5^{\prime \prime} \times 1^{\prime \prime}$ bright yellow-gold nylonwebbing zipper-pull on top, too. Shoulder strap is adjustable and detachable, and there's a grab/carry strap on one end. Twin carry handles are stitched around the circumference of the bag, which has (2) zippered pockets on the sides and (1) on the end. Main compartment has double zippers. It's a sturdy bag that stands out.
97491 Black Duffle
\$30.00/ each

## Tool Attache

Let's say you don't need a full-on, heavy-duty tool bag but you do need something to hold hobby tools. In that case, you need this super-nice, zippered tool bag. Measures $14^{\prime \prime} \times 9$ $1 / 2^{\prime \prime} \times 3^{\prime \prime}$, and has a triangular shape as it tapers from the $3^{\prime \prime}$ base to flat
 at the top. Looks like a small briefcase, or, more accurately, an attache. Has more than (15) elastic straps to hold things like pliers, tweezers, small screwdrivers. In black to let the world know you're serious about tool storage, even if they're small tools.
50225 Hobby Tool Bag
\$8.50/ each

## CDs Live

Yes they, do. Neither Man nor Woman lives by retro hipster vinyl alone. This binderstyle CD book holds (24) discs in back-to-
 back pages with an orange and translucent cover. Comes in an equally translucent sleeve so the CDs don't fall all over the floor of the car you have that still has a CD player.

## 4827124 CD Travel Case <br> \$1.35/ each

## A Versatile Tote

We totes love this nylon-ish tote bag because at $17^{\prime \prime} \times 15^{\prime \prime}$, not including the 2 straps, it holds plenty. It also folds up into a handy that snaps shut and has a built-in clip to clamp on a belt-loop or wherever. You know who else would have loved this?
 The band that sang "Africa" and Dorothy's pup in Oz! We'll pick one in muted green or black, and we promise it'll match something of yours.
50460 Foldable Tote
\$2.95/ each

## Lil' Goodyear Tire

Goodyear, Surpies! This actual rubber tire marked "GOODYEAR \#1" and "EAGLE" with a round red glass tray in the middle, is great for paperclips, coins, rolls of stamps, pushpins, tacks, tiny parts, essential oils and all kinds of other things. Measures $3-3 / 4^{\prime \prime}$ dia

$\times 1-1 / 2^{\prime \prime}$ tall and was a promotional item for the D5550 tire. Very cool, and they'll be gone fast.
50919 Goodyear Tire Tray $\$ 2.75 /$ each

## Stink-Fighting Bag

Laundry stinks. It's also a job we dislike. But back to that stench. This white mesh bag, approx 18 " $x$ 12 ", has a way of dispersing the stinkiness of our laundry, which
 makes the whole job less stinky in more ways than one. Has a drawstring with a ball stopper. Made of polyester, which means it's strong enough to hold a big load of clothing, beach toys, shoes (which can also be stinky in our experience), or sports equipment.
97588 Mesh Drawstring Bag \$2.95/ each

## The Red Bags Are Coming!

This super attractive, bright red SPY+ Wanderer Sport Sack backpack comes in the most pleasing shade of bright red with black highlights, straps and zippers, and a tasteful gray interior. Measures approx 19" tall x 15 " wide. Backpack opens on top and can be pulled closed by tugging the straps on
 either side. Made of heavy-duty polyester. Our sample was red, but in any color, this is a quality bag. Front zipper pocket measures 12 " long $\times 11^{\prime \prime}$ wide with a second zipper pouch in front, measuring $5-1 / 2^{\prime \prime} \times 11^{\prime \prime}$. Adjustable straps measure $21^{\prime \prime}$ long fully extended. This bag is versatile and handsome, like Daniel Day-Lewis.

## 50504 SPY+ Sport Backpack \$12.75/ each

## Kangaroo Not Included

We don't often brag about travel pouches, but this matching set of (3), in stylish black with red accents, is about the nicest set of travel pouches we've come across. You'll get (1) at $10^{\prime \prime} \times 7$ ", (1) at $12^{\prime \prime} \times 8^{\prime \prime}$, and (1) at $14^{\prime \prime} \times 10^{\prime \prime}$, each with a durable poly exterior, waterproof silver lining and sturdy oversized red zipper. Each bag has a grommeted hole in one corner so you can store them on the included 2" dia ring. The uses are so obvious and endless it's not even worth mentioning a few of them.

## 50462 Water-Resist Pouches \$8.75/ each

## Some Folks Call It a Kaiser Bag

Some folks call it a sling bag, mmmhmm. We call it a sling bag. From Rothco ${ }^{\circledR}$, is a great one, made of vin-tage-inspired, black $100 \%$ cotton canvas with brown leather zipper pulls and a durable polyester lining. Sling it over your shoulder and it'll hang across your body. Great for hiking, traveling and hands-free working. Measures $14-1 / 2^{\prime \prime} \times 7$ "
 with a $6-1 / 2^{\prime \prime} \times 4-1 / 4^{\prime \prime}$ main zippered pouch that has an open pocket inside and another zippered pouch. Has (4) more different-sized zippered pouches on the front and (1) more big one on the back. Sturdy, wide, partially padded strap is adjustable and has a metal clasp and a D-ring.

## 97954 Canvas Sling Bag \$22.00/ each

## Organic Lunch Tote

They may move your cheese, but the rest of your lunch should be safe when you tote it in this insulated white bag with "HUMAN ORGAN FOR TRANSPLANT" printed on the side. Measures approx 9-1/2" wide $\times 7$ " tall $\times 6$ " deep with a
 padded handle and a zipper around three sides on the top. Has a small mesh pocket and organ-donor information card inside. Our favorite part? The bottom says "Warning; not for transporting human organs" because you can't be too careful.
97355 Human Organ Tote \$23.50/ each

## No More Tears Bag

This vintage teardrop-shaped backpack is roomy enough to hold all the stuff that will prevent crying fitsespecially yours. It's made of washed cotton canvas, in olive drab with a thick brown leather bottom and carry handle on top. Measures $17^{\prime \prime}$ tall $\times 13^{\prime \prime}$ wide $x 5-1 / 2^{\prime \prime}$ deep with padded, adjustable shoulder straps. Internal compartment is divided and padded for laptops. Also has (1) small but handy zipper pocket at the top, (1) $9-1 / 4^{\prime \prime} \times 8$ " zippered compartment on the front with a metal keychain
clip, a large pocket, a medium pocket and (2) pen/marker zippered compartment on the front with a metal keychain
clip, a large pocket, a medium pocket and (2) pen/marker pockets inside, and another zippered pocket in front of pockets inside, and another zippered pocket in front of
that one. From Rothco and made in India. This is a really nice bag here, folks. They'll be gone soon.

## 97953 Padded Laptop Pack \$34.99/ each

## Tub For Toys

Direct from our faithful hospital supply suppliers--handy dandy (and brand new) tubs for storing, sorting, scrubbing, or schlepping toys, mittens, craft supplies, chicken feed, whatever. In assorted colors and made of
pretty-much-indestructible \#5 plastic,
 each is approx $13^{\prime \prime} \times 10^{\prime \prime} \times 5^{\prime \prime}$ deep. (Some might be a tad smaller). They have lips and rounded ends, nest when not in use, and are graduated inside from 2 to 6 quarts.

## 91728 Washbasin 2-pack \$6.95/ pkg(2)

## Fussbudget Box

Do you hate it when the spaces in storage boxes are bigger than the stuff you're storing? You need this translucent polypropylene box with (14) storage sections that can be customized by sliding the (13) dividers into your choice of (24) sets of slots. Measures approx $7-3 / 4^{\prime \prime} \times 6-1 / 8^{\prime \prime} \times 1-7 / 8^{\prime \prime}$ deep with a snap lid.
95626 Adjusta-Box
\$4.95/ each

## ALL Things To ALL People

This deluxe ABS storage case is called a Store-It-ALL, and it does. But it could be called a Carry-It-ALL, for the sturdy handle and locking clasp, or it could be called a See-It-ALL, for its translucent lid. Or a Fits-It-ALL, for the removable dividers that let you configure it with any number of compartments from 5 to 26 . But the $12^{\prime \prime} \times 18^{\prime \prime} \times 3^{\prime \prime}$ OA case should really be called ALL-I-Ever-Needed- To-Get-Organized!

## 92454 Store-It-ALL Box <br> \$19.50/ each

## Hip, Not Hippie

It's hip to be square. This white plastic jar/container is $4-3 / 4^{\prime \prime}$ tall $\times 4^{\prime \prime}$ on the sides with subtly rounded corners. Holds (32) oz, and has a matching, gasketed, screw-on lid. Since it's square (and it's hip to be so), it's stackableunlike un-hip round containers. Also has
 a heat-seal liner, and it's made in the USA.
50432 4" Square Box
\$3.25/ pkg(2)

## Oh, Snap

We're loving this transparent, clear-ish/white-ish plastic box with an oh-so-satisfying snap-close lock. In fact, we can't stop opening it and snapping it shut. Measures $3-1 / 2^{\prime \prime} \times 1-1 / 2^{\prime \prime} \times 1 / 2^{\prime \prime}$ with a hinged lid and the afore-mentioned snap closure. It's not water-tight, but it's great for vitamins or other pills, or organizing small parts and stuff like that. You'll get (6) boxes, and you'll wish you had more.

## 49642 Handy Snap Boxes \$3.95/ pkg(6)

## Got Plastic Ammo?

Just like (pretty much) the old steel ammo can Gls carried, and then carried home to their garage workshops, but in olive drab or black plastic, which doesn't rust. Measures $11^{\prime \prime} \times 7{ }^{\prime \prime} \times 5$ " with a gasketed flip-up lid, $3^{\prime \prime}$ latch and
 a $5-1 / 4$ " folding handle on top.
96954 Plastic Ammo Can
\$10.50/ each

## Safe Storage

It just ain't gonna spill the beads. Or the fishhooks, or screws, or whatever you're storing in the $7-1 / 2^{\prime \prime} \times 5^{\prime \prime}$ x 1-1/2" deep Store-in-It box. The translucent-plastic box with (1) 3$1 / 2^{\prime \prime} \times 1-1 / 4^{\prime \prime}$ and (10) $1-3 / 4$ " $\times 1$ $1 / 2^{\prime \prime}$ compartments has a hinged lid that not only snaps shut, it has an extra little security latch.

## 92578 Flip-Top Storage Box \$2.65/ each

## Lil' Compartment Box

We used to live in a lil' apartment that felt like a box, but it was much bigger than this (9)-section compartment box. Then again, our apartment was half as organized. The base of this box will be either blue, green or gray (we'll pick, to match one of the apartments you lived in), and the hinged top, with (2) snap-shut fasteners, will be clear so you can see into the adjustable sections. Measures $7-1 / 4^{\prime \prime} \times 5-1 / 2^{\prime \prime} \times 1-1 / 2^{\prime \prime}$. Great for kitchens, cottages, craft corners, cars and campers.
98083 9-Section Box
\$2.85/ each

## What Old Bag?

Who's an old bag? Watch your mouth. What we have around here are young plastic bags with clear complexions and tight zipper closures. Sizes range from itty bitty to sizable and spacious, so be sure to stock up on all of them! Each of the bags are 2 mils. Our each is a bag of 100 bags. Just pick the size you like! Please note that the exact size can vary, usually smaller, due to the manufacturing process used overseas.

| 90273 | $1 " \times 1 "$ Zip Bag |
| :--- | :--- |
| 90274 | 2" $\times 2$ 2" Zip Bag |
| 36562 | 2" $\times 3$ " Zip Bag |
| 34552 | 3" $\times 4$ 4" Zip Bag |
| 34551 | 6" $\times 9$ " Zip Bag |
| 92905 | 8" $\times 10 "$ Zip Bag |

\$1.95/ each
\$2.25/ each
\$2.50/ each
\$3.25/ each
\$5.95/ each
\$7.85/ each

## Biggest Pill Box In The Universe

These watertight aluminum screw-top canisters are gasketed, lined in nylon and come with a 1" slip ring to attach to whatever. Measure just over 2-1/2" tall x 1-1/8" dia, so they're suitable for a lot of pills or any number other things you need to keep dry or safe. We'll pick
 one in black, red, gold, blue or green.
95011 Watertight Canisters \$5.50/ each

## Paint This Box

Ever kept any collectibles in a wooden cigar WEM! box and thought, "Gosh, I wish I could find a box just like this that wasn't at one time a cigar box?" We thought so, and that's why we tracked down this unfinished wooden box with a nice little brass clasp-just for you. Measures approx $8-1 / 4^{\prime \prime} \times 8 " \times 1$ $3 / 4$ " and it's ready to paint, decorate
 and personalize-the perfect custom storage solution, and it looks just like a classic cigar box. It's probably basswood because it's super light, which is yet another great thing about it. Fill it 'up, Surpies!
51063 Unfinished Cigar Box $\$ 4.75 /$ each

## The Spritzer In Your Pocket

These little LDPE plastic spray bottles are the kid brother of ones you rely on at home. Fill it with (1) oz of disinfectant or water and stay safe or moist. Measures a totable $4^{\prime \prime}$ tall $\times 1-1 / 8^{\prime \prime}$ dia with a safety cap so you don't moisturize your pocket or purse. You pick red or yellow.


## 48079 1 Oz. Red Sprayer \$7.45/ pkg(10) <br> 48080 1 Oz. Yel. Sprayer \$7-45/ pkg(10) <br> Price Drop! <br> \$4.50/ pkg(10)

## Make It Pop!

We can't stop popping the tops on these plastic pop-top vials. Measure 23/4" tall $\times 1-3 / 4^{\prime \prime}$ dia and look vaguely like the bigger sibling of an old film canister, except these are clear so you can always see how much is in them. Lid
 snaps tightly closed, and you squeeze the sides to pop it open again. Use them for pills or breath mints or anything you'd put in little canisters you love popping open.

## 49239 Pop-Top Vials $\quad \$ 3.50 / \mathbf{p k g}(10)$

## Vial Bodies and Caps

You pick from our clear glass vial collection, all with gasketed black-plastic screw caps. When filled to the top, the small vials hold approx 4 ml and measures $1-3 / 8^{\prime \prime}$ tall $\times 9 / 16^{\prime \prime}$ dia with a $9 / 32$ (approx 7 mm ) ID and the larger vials
 hold approx 6 ml and measure $2-1 / 4$ " tall $\times 19 / 32^{\prime \prime}$ dia with an $11 / 32^{\prime \prime}(7 \mathrm{~mm}$ ) ID. Very handy for small things, tiny stuff and a little dash of something.
$94506 \quad 4 \mathrm{~mL}$ Vials $\quad \$ 5.50 / \mathrm{pkg}(20)$ 94506P144 Bulk 4mL \$28.95/ pkg(144) 945116 mL Vials $\quad \$ 6.50 / \mathrm{pkg}(20)$ 94511P144 Bulk 6mL \$29.95/ pkg(144)

## Decant Because You Can

This clear glass, 8-oz decanter with a glass-topped stopper that has a plastic plug is one classy bottle. Measures approx $3-1 / 4^{\prime \prime}$ across at its widest, $2-1 / 2^{\prime \prime}$ deep at its deepest, and $5-3 / 4^{\prime \prime}$ tall, minus the stopper, which adds another 1$1 / 2^{\prime \prime}$. Kind of oval shaped with a $1^{\prime \prime}$ wide neck, like something you'd see in a movie that involved perfumes or potions. From the Marilyn Miglin brand, if that means anything to you, and we'll send you (2) of them.

## 49872 Miglin Glass Bottle \$8.50/ pkg(2)



## If I Could Put Glue In a Bottle

Crafts and repairs are made much easier with an applicator bottle. This translucent $20 \mathrm{ml} / .68-0 z$ plastic bottle with a screw-cap that has a 1-1/2" long $\times 1 / 32^{\prime \prime}$ dia dispenser needle with a protective cap.

## 95190 Needle Bottle

\$4.75/ pkg(3)

## Square And Round

You can't always fit a square peg into a round hole, but you'll have no problems screwing the round top of this little jar onto its square base. Made of
 thick, clear plastic, the base measures $2^{\prime \prime} \times 2^{\prime \prime}$ with a circular cavity in the middle that has inner dimensions of $1-1 / 2^{\prime \prime}$ dia $\times 1 / 2^{\prime \prime}$ deep. The twiston lid has a silver edge and a see-through top. Looks like some kind of cosmetics jar, but it doesn't care what it holds, as long as it fits. You'll get (8) of them.

## 49641 Round Square Jar \$4.75/ pkg(8)

## Victorian Dropper

It looks as though it should be used for administering laudanum! A 1$1 / 4$ " sq $\times 3^{\prime \prime}$ tall clear glass bottle, it has thick molded sides and a heavy lip: very antique in appearance. It is stoppered with a red(!) rubber stopper
 which is the squeeze bulb for the glass dropper tube inside. A real eye catcher, but give it a good wash please. It clearly is not sterile.
91367 Dropper Bottle
\$4.45/ pkg(2)

## If I Only Had A Tin

This classic metal silver tin with flip-top measures $2-3 / 4^{\prime \prime} \times 1-1 / 2^{\prime \prime} \times 1 / 2^{\prime \prime}$ thick, and you can take about $1 / 8^{\prime \prime}$ off for inner dimensions. It's light but sturdy, with beveled edges. Perfect for gum, toothpicks, chew...lots of stuff. Hinged top, so you won't lose it. The Tinman wishes he'd have had one of these. You'll get (6) of them.

## 50463 Flip-Top Tins

\$4.95/ pkg(6)

## Pills With Punch

Add a little pizazz to your nitro pills! This $1-3 / 4^{\prime \prime} \times 1 / 2^{\prime \prime}$ dia container for meds is anodized aluminum in mostly silver but also could be in blue, turquoise, purple, red, gold (our choice). It's gasketed so it's watertight. We recommend cleaning the inside with a cotton swab dipped in alcohol before using, since some have a bit of rust-colored residue in them. Flashy!

## 92287 Alum. Pill Carriers \$4.85/ pkg(3)

## Tins For The Ages

Like a ' 63 Corvette, aviator sunglasses and re-runs of Shark Week, classic round tins never go out of style. We have some great ones, 4 " dia $\times 1-1 / 8^{\prime \prime}$ high, in red, blue and
 green with white piping around the lid. You'll get (6) of them. They look kind of like little motion picture film canisters, and they're sturdy, like the 'Vette, dignified, like the shades, and filled with mystery, like sharks.

## 50668 4" Round Tins

\$6.95/ pkg(6)

## Jars Speak For Themselves

 What can you say about something that's so NTEM! perfect for storing so many things it would take an entire catalog to list them? You just say that it's an 8 oz, clear glass jar, approx 3$1 / 4^{\prime}$ dia $\times 2-1 / 2^{\prime \prime}$ tall, with a brown metal lid, and the wide mouth makes it easy to reach into for loose change, paper clips, glitter, colored sand, screws, washers, stamps, rubber bands, marbles, dice, glitter-okay, that's enough, we have other items to describe in this catalog. You'll get (4) jars per order, but you'll probably want more.
51008 Round 8-Oz Jars
\$5.75/ pkg(4)

## Window Magnet Tins

Sorry for getting you all excited about the world's first window magnets. They still don't exist. These are 2 3/4" dia metal storage tins, each with a 2 " diameter window in the lid and a magnet on the back. Tins measure 1" tall ( $15 / 16^{\prime \prime}$ inside), and the magnet in back covers the entire surface. We'll send you (6) of them. In neutral silver, they're great for the fridge, camper, workshop, craft room or garage. You'll be able to see what you're looking for at a glance, and you'll always remember where you left them-stuck to the metal, not the window.
50739 Magnetic Tins
\$7.95/ pkg(6)

## Don't Change Your Sheets

Pocket protectors are for nerds (like us) but sheet protectors are for smart and sensible people (like you). Not bed sheet protectors! The (100) sheet protectors in this package are for your important documents. At $11^{\prime \prime} \times 9-1 / 4$ " with reinforced edges and (11) holes punched in them (so they'll fit
 any binder), these things are priceless at less than five bucks for the lot. Acid free and archival-safe, too.
97047100 Sheet Protectors \$5.95/ each

## Not Some Wimpy Portfolio

Power suits and power lunches might be a $W W_{0}$ thing of the past, but power portfolios never go out of style. This $9^{\prime \prime} \times 12^{\prime \prime}$ Arminger ${ }^{\text {TM }}$ Executive Bonded Leather Padfolio is a black leather portfolio that reeks class and power, from its thick shiny
 leather to its classic silver " A " shield logo on the bottom right of the front cover. Inside, it has (2) big pockets/sleeves on the left ( $3 / 4$ up and $1 / 2$ up), a window sleeve for business cards and (4) smaller slots beneath it, a pen slot in the middle fold and a sleeve to hold a pad of paper on the right. with a full pad of lined paper included.
52147 Leather Portfolio \$14.50/each

## Copper Clip, Clear Arrow

Sounds like two towns nestled high in the Rocky Mountains, doesn't it? They're actually for your office, and you'll get many clips, not just one. We're talking about a clear acrylic case in the shape of an arrow, approx 6 " long x 1 $1 / 2^{\prime \prime}$ tall, holding roughly (75) 1-1/4" long paper clips and (8) 3/4" wide binder clips. They're not real copper, just copper colored. But this set is all about the durable, multi-purpose, reusable clear case anyway.

## 50687 Clips In Arrow

\$2.25/ each
Makes A Grate Gift! with this set of compact gratitude cards and notes on the go, you can give gratitude for the gifts you get, or just give this great set as a grate gift itself. You'll get (10) printed tent
 writer's guidebook and a nice little ballpoint pen-all of it fitting in a $2-3 / 4^{\prime \prime} \times 4^{4}$ tin, and everything is better in a tin! How grate is that? From Kikkerland ${ }^{\text {. }}$.

## 51004 Gratitude Cards

\$4.50/ each

## This Bulldog's Got Some Teeth

From X-Acto®, the folks who make the precision arts \& craft knives, the "Bulldog" is an old-school crank pencil sharpener with a translucent red case so you can keep tabs on your shavings and watch the menacing teeth grind away. The square rubber pad on the
 bottom provides suction when the side lever is pulled. Works best on a flat surface, but you knew that.
47708 X-Acto Pencil Sharper \$8.50/ each

## The Royal Binder Clip

You know those black steel binder clips that hold stacks of paper together and are as ubiquitous in office settings as bitter gossip? These 1 $1 / 4^{\prime \prime}$ wide clips are like those, except made of 30 mm wire instead of solid steel, and all gold instead of black and silver. In other words, they're fit for a king or queen, aka your boss. But we'd rather you have them. Power to the people!
49494 Gold Wire Clips \$4.95/ pkg(10)

## Big Bag Of Bands

Our each is a half-pound bag of rubber bands in assorted sizes and equally assorted colors, and how many is that, you ask? Darned if we know.
 Looks like about a third of a gazillion, but that's just an estimate. You won't run out anytime soon.

## 43461 Buncha Rubber Bands \$2.75/ each

## Gold And Silver Butterflies

These butterflies won't fly, but they'll keep your papers in order, and you'll always know where to find them because they come in a 2-3/4" dia tin case with a seethrough top and a magnetic base that you can store, most visibly, on your fridge, filing cabinet or any-
 where else a magnet will stick. Binder clips (aka butterfly clips) themselves are nice quality and measure 1 " ( 25 mm in Canada). You'll get (12) clips per tin, in gold or silver, and we'll pick because we know about these things.

## 50741 Mag. Tin Binder Clips \$2.95/ each

Japanese pens
Leave it to the Japanese to come up with
something so pleasing to the eye
and hand. They're retractable gel
pens with assorted-color ink and
subtle, colored indicators of the
aforementioned ink on their white
barrels, which also have spring-
loaded pocket clips. You'll get
(6) pens, each $5-1 / 2^{\prime \prime}$ long with
medium . 7 mm thick tips. Colors are blue, purple, green,
orange, pink and light pink. Smooth action, vivid color.

50997 J apanese Gel Pens \$8.50/ each

## Clips U Need

We don't care who you are or what you do, everybody needs a reliable supply of binder clips, paper clips and push pins. Our 5-1/2" tall x $3^{\prime \prime}$ dia, (3)-sectional, clear plastic tower includes (18) binder clips, (120) paper clips and (150) push pins, each in its own section that screws to the other (2) for tidy stor-
 age and in the most pleasant pastel colors, because black and silver are way too boring.
50310 Clips and Pins
\$4.75/ each

## Big Ol' Pen

We just got off the phone with Herman Munster, and he thanked us profusely for finding his ball-point pen. It's 8 " long $x$ a little more than 1" dia. Has a golden barrel, a silver pocket clip and push button, and a black rubbery grip. Nothing scary about it-it's just huge enough for Herman not to break but also
 comfortably big enough to fit just about any hand.

## 50839 Comically Giant Pen \$2.50/ each

 get a (12)-pack of (3) ink colors, including (6) black, (4) blue and (2) red, in a clear soft plastic storage case with organizer slots. Nibs are new and improved for smooth, skip-free ink flow. Easy to write with, and they might even improve your penmanship as they did ours. Look at that price-about a buck apiece. For a real fountain pen!
5215212 Fountain Pens \$15.95/ each

## Erase Without Water!

This classic brick-shaped eraser is for dry-erase boards (or do you say "whiteboards"?), and although there's no mention of its ability to erase chalk (on a "blackboard"), it's made of felt, so we're thinking it'll do just fine if you ever have to literally
 wipe the slate clean. Until then, you can figuratively wipe it clean using whiteboards. Brick measures roughly $5^{\prime \prime} \times 1^{\prime \prime} \times 1^{\prime \prime}$, and comes with instructions, in case you forgot how to use an eraser.

## 50768 Whiteboard Eraser \$1.25/ each

## Erase Me...

You sweet erasable, you. Dryerase markers are the best invention since chalk, and these premium beauties from Monaggio ${ }^{\text {TM }}$ are designed for professional artists but suitable for home, school or office. Wherever you are, go ahead and pick: the 12 -pack of classic black
 or the 12-pack of colors, (3) each of red, blue, green and black. All are fine-point, 4$1 / 2^{\prime \prime}$ long with a cap. Get the ones that work for you and go write something you can later erase dryly.

```
4 8 4 9 7 \text { Black Dozen}
4 8 4 9 6 ~ F o u r - c o l o r ~ D o z e n
\$4.50/ each \$4.95/ each
```


## For Really Small Leaves

This USB- or battery-powered leaf blower is purported (by the writing on the package) to be the World's Smallest Blower. Has an on/off switch and a removeable blower nozzle, and measures $3-1 / 4^{\prime \prime}$ tall $\times 2-1 / 2^{\prime \prime}$ wide $\times 6-1 / 4^{\prime \prime}$ (when the $3-1 / 4^{\prime \prime}$
 nozzle is attached). Runs on (3) "AAA" batteries or a Micro USB cable, both of which you supply. It's not very loud, unlike the ones in your neighborhood at 7 a.m. most Saturdays, but it does a great job of moving dust, dust bunnies and small debris. $\triangle$ WARNING: CHOKING HAZ-ARD-Small Parts. Not for children under 3 yrs.

## 98000 Itty-Bitty Blower \$11.50/ each

## Psychedelic Thoughts

Anything you write in this $5-1 / 2^{\prime \prime} \times 8-1 / 4^{\prime \prime}$ ( ruled notebook will be totally psychedelic because the front and back hardcovers are like, so far out, you dig what we're saying? Cosmic, even. They're black, super-dark navy and white, like beautiful tie-dyes. Each page has a Date line you can fill in, and if you had this in the '60s you'd remember all the good times. We think there are (75) pages, but we're not going to spend all day counting, man.


50941 Psychedelic Notes
\$3.95/ each

## Metallica Fans

These miniature versions of the traditional floor fan say "Retro Mini Fan" on them, and the retro part is that the blades and cages are all metal. The handy part is that they're just $5-3 / 8^{\prime \prime}$ dia and the plug is a USB,
 ready to cool you off right from your (actual) desktop. Tilts $180^{\circ}$ up and down and comes with a 4 -foot cord. Super quiet, too. We'll pick one in red, blue or black.

## 94606 USB Desk Fan

\$6.95/ each

## Want To Be A Food Writer?

Kick off your food-writing avocation with these colorful, food-themed pens with the traditional push down levers to change the (6) ink colors. Each pen measures 6 1/2" tall with different-colored bodies and toppers, which include fries, hamburgers, pizza and shakes. There might be more. The journey into the food pen bin, and your food writing career, has just begun. You can actually write anything you want with them, in
 lots of different colored ink. This is fun, Surpies.
98075 Fun Food Pens
\$2.95/ each

## Get Half-Organized!

From Mead $®$, these half-sized lined index cards are kind of like the sticky notes of the index card world. They measure 3" x 2-1/2", and you'll get (200) per pack in (3) different pastel colors. And then you'll be all, OMG, how did I get so far
 in life without these?
50770 Lil' Index Cards
\$1.45/ each

## Puck Light

Don't play hockey with this ligh but do keep (1) in your car, truck, RV, camper or boat because when an emergency arises, and one always does, you'll be ready. The light is a $15-$ LED, $3-7 / 8^{\prime \prime}$ dia $\times 1$ " high plastic puck with bright orange impact-resistant rubber all around, and the ability to display (9) LED light modes, including S.O.S. and (5) other red-flashing patterns, (2) solid red intensities, and (1) white beam. It's IP65 waterproof-rated, with a magnetic back and a hanging hook, and includes (3) "AAA" batteries. Ready to go, straight out of the package.

## 98027 Emerg. Puck Light \$8.95/ each

## Travel Trash Bin

Our most stylish trash bin, this 8 " dia beauty is made of black polyester over springy wire. To store it, simply push it down and secure (2) hook'n'loop straps, making it about $1 / 2^{\prime \prime}$ making it about $1 / 2^{\prime \prime}$
high. When you're ready to use it again, undo the straps and let it pop open to 10 " tall. Has (2) carry handles that hang on the outside, nicely out of the way, when you're using it. Also works great as a bin for clean socks, rolled up napkins, tennis or pickle balls, or any supplies you need to carry somewhere but not bring back home (which is when you'd fold this bin back down again).

## 49503 Collapsible Bin

\$3.25/ each


## A New Kind Of Bike Bell

This bell doesn't ding, it rings. Its unique, triangle-shaped design is matched only by its one-of-a-kind, clear and sustaining single tone that's sure to alert people of your pedal-powered approach. The bell is a versatile silver, and (2)
 silicon straps secure it to your handlebars. No tools needed. Triangle measures approx 1 $1 / 2^{\prime \prime}$ per side. This is the modern bike bell for your timeless, human-powered machine. Stay safe, Surpie cyclists.
78527 Modern Bike Bell \$4.75/ each

## Brace Yourself

Adjustable hook'n'loop straps provide the perfect fit for these ambidextrous ankle braces. They're one-size-fits all, thanks to the hooks and loops, and they're happy wrapping around a left or right ankle. That means if you get two, you'll
 never have to remember which is which. Mfr says they retain heat that can improve circulation, and all we can do is take their word on that. Made of a strong and soft poly blend. Gotta protect the wheels.

## 50780 Ambi-Ankle Brace

\$5.75/ each


50948 Practice Golf Balls \$5.75/ each

## Keep The Lil' Bugs Out

How can something so small and light cause such a sting? We used to ask ourselves that question every time we got bit by a mosquito, but those days are over now that we have this 79" $\times 79^{\prime \prime} \times 59^{\prime \prime}$ fine white plastic mosquito netting designed for indoor or outdoor use. Has tie-loops at
 the corners, hardware included, and it's a breeze to set up. Comes with a fabulous little drawstring carrying bag you can sport like a backpack.

## 50735 Mosquito Net Room \$14.50/ each

## Ding, Ding...

Cycle safely, Surpies. Don't rely on ádulG clund!
your voice to send warnings on your voice to send warnings on your bike. "Hey, watch out!" doesn't always cut it. This alu-minum-body bell with a 360degree thumb/finger-activated
 spring striker puts other cyclists, pedestrians and motorists on alert! Measures approx 1 $1 / 2^{\prime \prime}$ dia, and fits handlebars $13 / 16^{\prime \prime}$ to 1 " thick ( 20 to 25.44 mm in Canada, eh?) and secured by a Phillips head screw. Soon you'll be ringing it just because it's fun. Comes in (3) colors-red, blue and black
97785 Classic Bike Bells \$4.95/ pkg(2)

## The Light From Above

This COB LED headlamp has (7) modes, (3) colors (white, red and green) and (2) topmounted multi-stage switches.Comfortable, too,
 with an inch-wide, adjustable 20 " elastic headband and a 40-degree tilting head. Packing a 5W, 350 lumen lattice white light that has high, medium, low and strobe modes and a multi-color 3W 180 lumen COB LED that cycles through red, green and white light. All this fits in a housing that measures $2-1 / 2^{\prime \prime} \times 1-3 / 4^{\prime \prime} \times$ approx $1-1 / 4^{\prime \prime}$ and has a range of 300 ft . Hike late into the night, keep your hands free during a power outage, use the red light option for telescope viewing or the green light better contrast and vision at night. Requires (3) AAA batteries, not included.

## 96844 LED Headlamp

\$9.95/ each

## The Carabiner-Carabiner

 Nite Ize®, the company that makes this ingenious little fella, calls it the S-Biner. We've been thinking for the past 30 seconds, and we've decided that's about as good a name as Carabiner-Carabiner, which we came up with ourselves. it's a black, stainless steel "S"-shaped dual carabiner with endless uses. Measures 2-1/2" long $\times 1^{\prime \prime}$ wide with (2) snap-back gates. Max load is 25 lbs .51077 Dual Carabiner
\$2.85/ each

## Willie Mosconi's Walking Stick?

If you fly to where you hike, you absolutely need this three-piece bianbai wood walking stick. Like in portable pool cues, the pieces are threaded together via steel inserts. Measures 55" long assembled, with a rubber tip, wrist strap and water-resistant nylon carrying pouch. Pieces are approx $21^{\prime \prime}$ long.

## 95630 Pine Walking Stick \$16.95/ each

 Is Your Yoga Blocked?If not, maybe you need this dense foam yoga block. If you don't do yoga, it makes a great light blue kneeling block for gardening and working around the house at $9^{\prime \prime} \times$ $6^{\prime \prime} \times 4^{\prime \prime}$. A bunch of them would make great building blocks for wee ones, too. Not much else to say, except think outside the box. Oh, and namaste.

## 50943 Foam Yoga Block \$4.75/ each

## How Do You Roll?

If you want to relieve muscle tension and increase flexibility, you best roll with our brand-new massage therapy foam roller, the kind you see in gyms and physical therapy facilities. Measures $5^{\prime \prime}$ dia $\times 12$ $1 / 2^{\prime \prime}$ long with a grid of hard foam
 bumps for deep-tissue massage. All you do is roll a body part over it and let the healing begin. Also comes with a really nice hot/cold wrap, approx 15$1 / 2^{\prime \prime}$ long $\times 4$ " wide, with hook'n'loop fasteners.
50896 Massage Foam Roller \$9.50/ each

## Mylar Warmth

They have the look of something designed for the space program. They're mylar, a paper-thin shiny metallic sheet, that comes in . handy when your car breaks down in winter, or when you're separated from your climbing group on the
 slopes of Denali. Barring that, they're also a perfect material for a do-it-yourself cold-climate Halloween costume-near impossible to rip by hand, but cut easily with scissors. There's no padding, so they wouldn't be too comfy on your bed, but they sure are warm. They both come folded about the size of a wallet. The Blanket is $52^{\prime \prime} \times 82^{\prime \prime}$, the Sleeping Bag is $34^{\prime \prime} \times 84^{\prime \prime}$.

## 91007 Mylar Blanket

 \$2.75/ each91432 Mylar Sleeping Bag \$5.75/ each Manicure-ish Multitool... From Swiss+Tech® this solid stainless steel Smart Clip Ultra 2.0 gadget clips to your keys, fits in your pocket and provides you with a nail clipper, nail file, nail cleaner, scissors, knife and screwdriver wherever you go. Measures approx $3^{\prime \prime}$ long x $3 / 4^{\prime \prime}$ wide $\times 1 / 2^{\prime \prime}$ deep. It's like a salon in your shorts, tools in your trousers.

## 51074 SwissTech ${ }^{8}$ Multitool \$7.95/ each

## Be Like A Boy Scout

Always be prepared. Even if it's not raining, toss one of these one-size-fits-pretty-much-everybody (they're 61" x 65 ") assorted colored polyethylene hooded ponchos in the car, another in your backpack, a third in your coat pocket or purse. They're thin, emergency-type protection and come folded up in a packet about $3^{\prime \prime} \times 5^{\prime \prime} \times 1 / 2^{\prime \prime}$ thick. You get (3)
 because you just can't be too prepared.

## 94102 Rain Poncho

\$3.95/ pkg(3)

## Make Pretty Colors In The Fire

Just toss this little pack, unopened, into a wood fire and watch all the pretty colors. (For you chem majors, it contains 25 grams of cupric sulfate, cupric chloride and PVC crystals.) And do we have to tell you not to eat or inhale it? OK, don't eat it or inhale it.
 Just watch it blow your mind.
95993 Magical Flames
\$4.75/ pkg(3)

## Our Utilitipen

This $5-1 / 2^{\prime \prime}$ long ball point pen is also a utility tool with a 1" pop-out blade, scissors and file. Leave it to a copywriter to assure you that when you're writing you pretty much always need to cut before you file. Pen barrel is red and silver with a nice pocket clip, and the ink is classic black. Sweet little gadget, even for a non-copywriter.
 ors. (For you chem majors, it

50797 Utility Pen
\$4.50/ each

## Yo, Jughead

Camper alert: nothing says temporary water storage like this collapsible PVC water jug. Holds 3-3/4 gallons and measures $11-1 / 2^{\prime \prime} \times 10^{\prime \prime} \times$ 9 " when full, but flattens to cargo-pants-pocket size when empty.
 Includes a $3-3 / 8^{\prime \prime}$ handle, and a screw-on cap/spigot. Would also hold about a case-and-a-half of pinot grigio for bachelorette parties in the woods.

## 95998 Big Vinyl Water Jug

\$6.95/ each

## Give Your Gun A Rest

For the sharpshooter in your life (or maybe it's you), here's a duo of gun rest bags-the kind you fill with sand, BBs or buckwheat hulls to create a solid, steady platform for your rifle. Rest your firearm on these bags o' stuff and you'll have a base so steady you'll have no excuses when you miss the bull's eye. You'll get (2) bags, a $9^{\prime \prime} \times 7^{\prime \prime}$ front support and a smaller rear support (for the stock), both in green camo.

49472 Gun Rest Bag
\$9.50/ each


## Like A Candle in The Woods

You will survive with this Survival Candle, a 3 -wick burner made of soy and palm wax in a 3-1/8" dia $2-3 / 8^{\prime \prime}$ tin can with a lid. Rated to last up to 36 hours.

## 95105 Survival Candle

\$4.35/ each

## For Vanity And Survival

The problem with wilderness? No mirrors. Next time you walk into the woods, or go on any outdoor adventure, take this shatterproof mirror with you. Made of stainless steel, it measures 3" $\times 4$ " with a hole for a lan-
 yard. It'll help you look pretty for the gourmet dinners you cook out there, and it could save your life. (Note: there could be small manufacturing scratches that don't affect the use or performance.) One warning: don't leave it in direct sunlight or you might have an accidental fire to deal with. See what we mean about saving your life?

## 97592 Shatterproof Mirror \$3.75/ each

## Need A Match?

They don't give them away in bars anymore, so you'd better buy this Matchstick Fire Starter. Has a $1-1 / 2^{\prime \prime} x$ $1-1 / 8^{\prime \prime} \times 3 / 8^{\prime \prime}$ flint housing and a 1" striker with a small cotton wick around the end. Fill it with a little lighter fluid and you're ready to start something. Includes a 1/2" clip to
 hang it on something. A must for camping.

95706 Flint Fire Starter
\$3.95/ each

## Survival Elementary School

There wont be any flicked corn niblets where you're going, but you still get to take a spork with you. Our black heavy duty Tactical Spork from Maxam ${ }^{\circledR}$ measures $7-9 / 16^{\prime \prime}$ long with a black stainless steel knife inserted into the handle. Spork measures 5-5/8" with the knife removed, and the body has (2) drainage holes for wet conditions. Knife measures 5" long, 2$1 / 4^{\prime \prime}$ of which is the serrated blade. Spork and
 knife handle are food-safe black plastic, knurled for grip, and a hole on one end for hanging. Lightweight and great for hiking, camping, lunchtime and recess in the woods. Limited lifetime warranty is through the mfr. We're the Surplus folks, remember?

## 97899 Tactical Spark Knife <br> \$6.35/ each

## Folding Flatware

Put your silverware on your belt. This 41/4" camping implement separates into a fold-out fork and spoon, and the spoon has a fold-out knife at the other end so you can use it with the fork to cut your pork chops. Also includes a corkscrew (we recommend a nice Grenache or Tempranillo with pork chops), a can/bottle opener and the ubiquitous awl. In brushed steel with a black canvas belt pouch that you should put the thing into fork-down or the tines might catch on the fabric and make you crazy.

## 45782 Camping Flatware \$3.95/each

 cans of anything, trophies that need protecting, wrapped sub sandwiches that need protecting, bagged cookies (ditto), toys and games, oranges, golf balls, rolled-up maps, vases for flowers and everything else you're thinking of right now. Great for BBQs, picnics, concerts, sporting events and all manner of parties. Great as an extra-generous, double-duty gift bag, too.
98086 Lined Wine Bag \$16.00/ each

## Your Rope Ready?

Our most versatile cord dispenser measures approx 7 " tall $x$ $3-3 / 4^{\prime \prime}$ wide and includes (100) feet of $550-\mathrm{lb}$ paracord wrapped on a dispenser with a protected cutting blade, cord-locking notch, gear loop to connect to your gear, and a central accessory compartment approx $5^{\prime \prime} \times 1 " \times$ $1 / 2^{\prime \prime}$. Storage is great for lighter, matches, fishing hooks and line, or a small knife. Tangle-free dispenser is easily refillable and keeps your survival essentials together. Great for hiking, camping, hunting, or working in nature. Perfect for your bug-out bag. Made in USA.
97879 Cord Dispenser
\$16.35/ each

## Low-Tech Fishing

Before fishing got modern with high-tech reels and rods, and lines and hooks, our ancestors caught seafood dinners with pointy things. Return to those simpler days with this 9" Fishing Spear Head. Technically it's a survival tool,
 but that just means it's high quality and durable. Made of $3 / 16^{\prime \prime}$ thick stainless steel, you can use it as a (2)- or (4)-point spear. Assembles asill and folds flat for storage. All you supply is the stick that the spear attaches to, and the hunting spirit. The fish will respect you more with a spear-trust us.

## 49475 Stainless Fish Spear \$12.50/ each <br> Buy 2 or More! <br> \$6.50/ each

## Minimultitool

Our smallest lether-typeperson multitool is made to hang on your keychain, and we know that because it has a 1-1/4" carabiner attached to it. Measures
 approx $3^{\prime \prime}$ long $\times 1^{\prime \prime} \times 1 / 2^{\prime \prime}$ when closed, and opens to a spring-loaded pliers with cutters, knife, file, (2) slotted drivers, \#0 Phillips, saw, bottle opener and the everpopular awl. It'll do most of the jobs you need done. A must-have for any scout.

## 97011 Tiny Multitool

\$6.95/ each

## Skinny Paracord

Micro tactical cord measures .046" ( 1.18 mm ) ia on 125 -foot spools. Made in the USA by Atwood Rope Mfg., it's UV and rot resistant with a 100-lb test strength. Lotsa solid and blended colors and we'll just grab (3) different-colored spools for you to
 save you the trip to our warehouse.

## 95325 125 Feet. Paracord \$15.95/ pkg (3)

## Extreme Cord

Our each is 100 feet of of paracord (tactical cord) from Atwood Rope Mfg. Measures 3/32" da (think round shoelace) with (4)
 internal strands and a 275 - lb test strength. UV inhibited; rot and mildew resistant. In assorted solid and blended colors, from which we'll pick because we have impeccable taste in cordage.

## 95324 100' Tactical Cord \$7.85/ each

## Prepare For Battle

Or just stop worrying about the line breaking. Battlecord is skinny but megatough stuff. And this one is a 50-foot length of black cord rated for $2,650 \mathrm{lb}$ test. Measures $1 / 4^{\prime \prime}$ da with a 7 -strand core and is rot, mildew and UV resistant.
Made in the USA for Atwood Rope.
95581 50' Battlecord
\$12.75/ each

## Necklace Knife

This rounded 2" karambit-style blade, called the Hideaway Knife, comes in a quick-release, hard shell sheath that's olive tan to match the hand grip. Blade looks like the talon of an eagle, and you can hang it (in the sheath), around your neck (black beaded necklace included), or stuff it into your boot or pocket.

## 49473 Hideaway Knife

\$7.50/ each

## None Of Your Noseness!

Got aromas to hide? This locking, smellproof zippered bag from Smokezilla® keeps valuables safe and odorously disguised. Great for storing dried food and uh, herbs, plus tobacco and other valuables that don't need smell-hiding. Made of heavy-duty nylon with a total of (6) scent-trapping layers that include an insulating sponge, charcoal material and more, the bag has (2) mesh
 pockets on the back, and (2) keys for the zipper lock. Measures $6-1 / 2^{\prime \prime} \times 6^{\prime \prime} \times 1^{\prime \prime}$, about the size of a CD case. Nobody you know has one of these.

## 98055 Smellproof Bag

 \$8.75/ each
## Reality TV Survival Tool

 Nobody would dare vote you off the island if you have this stainless steel survival tool. Smaller than a credit card at $2-3 / 4^{\prime \prime} \times 1-3 / 4^{\prime \prime}$, it has (11) functions: can opener, knife edge, flathead screwdriver, small ruler, bottle opener, 4-position wrench, saw blade, 2-position wrench and a couple more. Slip it into your wallet or hang it on your keychain, then go get lost.

## 9407310 Func. Survival Tool \$2.95/ each

## Star Wars Mobile Wallet

They call this black rubber accessory a Star Wars ${ }^{\text {mM }}$ Mobile Wallet ${ }^{\text {mm }}$ not because it came from a galaxy far, far away, but because it fits on the back of your mobile phoneany mobile phone-and the 3 M adhesive makes sure it remains immobile when it's stuffed with cards, your ID
 and cash money. Has a cord keeper for your wires, too, and a snap-out stand so you can watch the prequels hands-free. Best part for Star Wars ${ }^{T M}$ fans? There's a Stormtrooper head on the front of it.

## 50960 Star Wars Wallet \$2.95/ each

## Directions Definitely Included

North, South, East and West (plus some others) are all included in this sturdy, stainless-steel compass featuring a glow-in-the-dark dial and degree markings around the face. Measures 2-1/2" dia with a $1-1 / 2^{\prime \prime}$ dia face and a glass cover. Probably the nicest com-
 pass we've had in a long time. Great for...wait for it...compassing. Actually, it's perfect for that. Ages 4+.
97716 Stainless Compass
\$9.95/ each

## Cut That Halyard, Sailor!

Our classic Sailing Knife isn't just for sailors. It's ideal for sailing (thus the name), but also for fishing, camping, emergency prep and generally cutting stuff. Stainless steel body has an engraved $2^{\prime \prime}$ ruler on one side and 5 cm on the other. Has a honed 2-1/4" blade, 2-1/2" marlinspike for picking lines and loosening knots, a shackle key for opening shackles on rigging, a bottle/can opener and a loop to tie it to you so you don't drop it overboard (which many a sailor has done). Measures 3-3/4" long $\times 1-5 / 16^{\prime \prime}$ tall and approx $1 / 2^{\prime \prime}$ thick. This is a sturdy (and VERY sharp) tool that you'll love even if you go your whole life without ever hoisting a jib or flaking a main.

## 97898 Sailing Knife

\$9.95/ each

## One Bright Beanie

Let's say it's dark and cold outside. We used to be the kind of people who would put on a nice warm hat and reach for a flashlight. But now we sport this $100 \%$ acrylic Light Up Beanie from Farpoint®, we call it a stocking cap-the kind like a dock-worker would wear. Except this one has a 200lumen, (4)-LED, (3)-mode light in front with a (3)- to (5)hour run time, depending on brightness mode. Recharge by popping the light out of the hat and plugging it directly into a USB port-no cable needed. One size fits most.
98010 Rech. LED Beanie \$10.95/ each

## All-Steel Swissish Knife

It's a 10-tool Swissesque military survival knife, but without those red plastic handles to break and fall off. Includes stainless steel 2-1/2" knife blade, flathead driver/bottle opener, saw blade, scissors, can opener, fish scaler/nail set,
 corkscrew, Phillips driver, awl, nail file and the needle-like thing for making buckskin clothes in case you're lost for years. Has a split ring to hang your keys from.

## 94837 10-Tool Steel Knife

\$4.75/ each

## Light Up With Plasma

Fire is so 1.7 to 2 million years ago, when Homo sapiens first learned to control it. Step into modern times with this flameless, fuel-free, rechargeable, lightweight, easy-to-use arc lighter from True®. Has a 1-3/4" flexible extending neck, which makes it safe for a variety of lighting tasks by putting the plasma arc where you need it-and away from your fingers. Windproof up to 80 mph and IPX6 rated
 for water resistance. It also floats if you drop it, but why would you do that when it comes with a lanyard? Reinforced rubberized black plastic body with locking orange cap are impact-resistant. Uses a lithium polymer battery that recharges via the included USB-A to USB-C cord. Lighter will activate 300 times per charge, and has a 6 -second auto cut-off for safety.
98034 Plasma Arc Lighter \$24.50/ each
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PURCHASING GUIDELINES

## SURPLUS MERCHANDISE:

Most of the items contained in this catalog are surplus of one sort or another. As such, we have only a fixed quantity. If our stock of the item you have ordered is exhausted we will refund that portion of your remittance.

## WARRANTY:

Since we have neither manufactured any of the items offered in this catalog nor purchased them with recourse to warranties by their original manufacturer, we cannot make any warranties or accept any responsibility for their use or misuse beyond our selling price.
SHIPPING AND HANDLING CHARGES:
We charge a shipping and handling fee on all orders (see page (2) of your catalog). Bulk orders for quantities larger than are quoted in the catalog will be shipped freight collect by truck. Special shipping and handling charges will be added for other arrangements. The costs of any special shipping requests such as Air, Multiple Shipping Addresses, Customer Designated Carrier will be borne by the customer. Shipping and Handling charges are not refundable on returns.

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We make every effort to describe our merchandise honestly and accurately. If however, you find that an item is not what you had expected, you may return it within (30) days of receipt, freight prepaid and in original condition for a refund of the merchandise price. The shipping and handling charge is not refundable. Be sure to include the order number.

MINIMUM ORDER:
We regret that the costs of doing business preclude us from processing orders of less than $\$ 10.00$ merchandise value (exclusive of shipping and handling.) We will return orders of less than $\$ 10.00$ merchandise value.
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If you receive a shipment containing freight damaged merchandise, please retain the package, including the packing material, and notify us of the damage immediately. We must file a claim and will advise you whether to return the damaged goods. Be sure to include Order Number. You can find it on shipping papers or on the shipping label.

## Still In The Lab?

Distillation made heuristic. Nothing explains a process like a little handson experience, and this laboratory distillation kit is for showing instead of telling. Includes a 300 mm Liebig condenser, Kjeldahl distilling column with 50 mm dia bulb and rubber stoppers, 500 ml Bomex boil-
 ing flask with 8 " iron tripod, 2 -foot lab stand/base with a single burette clamp, 500 ml graduated Erlenmeyer flask and a $6 "$ square of ceramic-coated wire gauze. You add some 1/4" ID tubing for the Liebig ports. Includes good directions for distilling ethanol and acetic acid.

## 92610 Basic Lab Still

\$104.95/ each

## These'll Clean Your Pipes

They'll clean your tubes and spouts, too, which is what they're really made for. But you could also use them for thin vases and other vessels. They look like oversized pipe cleaners with easy-to-grip plastic handles. We'll send you a set of (3) different ones, (2) that are close to $13^{\prime \prime}$ long including a
 $4^{\prime \prime}$ handle, and (1) that's approx $11^{\prime \prime}$ long with the same handle. The longer ones are 7/8" and $1 / 8^{\prime \prime}$ dia, and the shorter one has (2) flexible pipe cleaners that can be adjusted to $1-1 / 2^{\prime \prime}$ wide.
51075 3pc Cleaner Brushes \$3.95/ each

## Wick Wacky?

Getting tired of buying them and trimming them and losing them? Get rid of wicks altogether with this nifty little alcohol burner with a copper capillary tube in place of a cotton
 wick. Burns 90 ml of denatured alcohol and comes with a heat shield (packed inside the reservoir) and a burner cap. Don't forget to remove the little rubber plug - it's there to cover the holes in the copper tube when not in use.

## 92924 Wickless Burner \$15.65/ each

## Lab Stand

Affordable, adaptable lab equipment for serious scientists with laughable budgets. The basic stand is heavy black metal $8^{\prime \prime}$ long $\times 5^{\prime \prime}$ wide $\times 1^{\prime \prime}$ high with a $19-1 / 2^{\prime \prime} \times 3 / 8^{\prime \prime}$ dia support rod screwed into it. Position a beaker or a burner on the stand and build the configuration you need above it. Both of
 the Burette clamps and the ring attach to the rod with thumbscrew clamps. The Burette clamp has wing nuts so it can be adjusted to any angle. This single clamp extends 4" from the rod, with rounded, uncoated, adjustable metal jaws with spring tension and a wing nut. The 3" metal support ring can hold a round bottom flask, or the $6^{\prime \prime} \times 6^{\prime \prime}$ heavy-gauge steel-mesh burner screen with crimped edges. Nice, solid equipment at a rare price.

| 88195 | Lab Stand | $\$ 15.95 /$ each |
| :--- | :--- | ---: |
| 88186 | Single Clamp | $\$ 9.95 /$ each |
| 88192 | 3" Support Ring | $\$ 8.25 /$ each |
| 91831 | $6 " \times 6 "$ Screen | $\$ 1.95 /$ each |

## Our Flask Inventory Boileth Over

So we're pricing these borosilicate boiling flasks to move quickly. We've got (3) sizes, all with slightly flattened bottoms, each with a single, discreet, capacity mark in white. While the actual physical size can vary slightly, the volume remains the same. The 1000 ml flask is $9-5 / 8^{\prime \prime}$ tall OA $\times 5-5 / 8^{\prime \prime}$ dia with a $1-5 / 16^{\prime \prime}$ ID mouth, and a lip. Takes a \#7 rubber stopper. The 500 ml flask is $6-7 / 8^{\prime \prime}$ tall OA $\times 4-1 / 8^{\prime \prime}$ dia with
 a $1-3 / 16^{\prime \prime}$ ID mouth, and a lip. Takes a $\# 6-1 / 2$ rubber stopper, but a \#7 will work. The 250 ml flask is $6-1 / 8^{\prime \prime}$ tall OA $\times 3-3 / 8^{\prime \prime}$ dia with a $1-1 / 32^{\prime \prime}$ ID mouth, and a lip. Takes a \#5-1/2 rubber stopper, but a \#6 will do the job.

## 92912 250ml Boiling Flask \$6.50/ each 92913500 ml Boiling Flask $\$ 7.75 /$ each 929141000 ml Boiling Flask $\$ 12.85 /$ each

## Pound The Steel

Stainless steel mortar and pestle set. Mortar measures 5-1/4" dia $\times 3^{\prime \prime}$ on a $4^{\prime \prime}$ dia attached saucer-like base. Holds approx 250 ml . Pestle is 6 $3 / 4^{\prime \prime}$ long with $1-1 / 4^{\prime \prime}$ and $2^{\prime \prime}$ dia heads. Nice for the lab, or for folks who want everything in their stainless steel kitchen to be stainless steel. You
 know who you are. And we salute you.
96480 Steel Mortar \& Pestle \$26.50/ each

## Chinex??

Rejoice, we have finally found a source of reasonably priced borosilicate glass. This is the kind of glass in the trade marked Pyrex ${ }^{\text {m }}$ and Kimex ${ }^{\text {Tm }}$ labware. The stuff you can put right over the flame of the Bunsen burner, or directly
 onto the hot plate. This stuff is imported from China, and is considered student grade, which is good enough for anything but the most exotic applications. Compare the prices below and you will see that they are around half the U.S. equivalent. Call us for larger quantity prices. All are graduated except the test tubes.

| 88984 | 50 ml Beaker | $\$ 3.25 /$ each |
| :--- | :--- | ---: |
| 88985 | 250 ml Beaker | $\$ 4.65 /$ each |
| 88986 | 600 ml Beaker | $\$ 6.25 /$ each |
| 88987 | 1000 ml Beaker | $\$ 9.50 /$ each |
| 92611 | 2000 ml Beaker | $\$ 18.50 /$ each |
| 88988 | 10ml Grad. Cylinder | $\$ 3.25 /$ each |
| 88989 | 100 ml Grad. Cylinder | $\$ 6.95 /$ each |
| 88990 | 250 ml Grad. Cylinder | $\$ 9.85 /$ each |
| 88991 | 50 ml Erlenmeyer | $\$ 3.65 /$ each |
| 88992 | 250 ml Erlenmeyer | $\$ 5.85 /$ each |
| 88993 | 500 ml Erlenmeyer | $\$ 7.95 /$ each |
| 88995 | $13 \times 100$ Test Tube | $\$ 3.95 / \mathrm{pkg}(8)$ |
| 88996 | $16 \times 150$ Test Tube | $\$ 3.75 / \mathrm{pkg}(5)$ |
| 88997 | $20 \times 150$ Test Tube | $\$ 3.50 / \mathrm{pkg}(3)$ |
| 92614 | $25 \times 150$ Test Tube | $\$ 5.25 / \mathrm{pkg}(3)$ |

\$3.25/ each \$4.65/ each \$6.25/ each \$9.50/ each \$18.50/ each \$3.25/ each \$6.95/ each 88990 250ml Grad. Cylinder \$9.85/ each 88991 50ml Erlenmeyer \$3.65/ each
88992 250ml Erlenmeyer \$5.85/ each \$7.95/ each \$3.95/ pkg(8)
\$3.75/ pkg(5)
\$5.25/pkg(3)

## Stove On The Go

You know those times when you don't have a stove and you wonder how you're going to heat up your soup or mac and cheese? Like at college, or
 when you're on the road and living in hotel rooms? Times like those are when this 110VAC, 1000-watt (9A) hot plate shines. Has an easy-to-use dial with (5) temperature settings, from 140F to 716F, a neon power indicator, metal body, non-slip feet and a 3 -foot cord. Measures approx $8^{\prime \prime} \times 8^{\prime \prime} \times 2-3 / 4^{\prime \prime}$. This is a serious cooking tool, not a toy, and shouldn't be used by anyone under age 12. CE listed.

## 97440 Electric Hot Plate <br> \$32.50/ each

## Brushex?

Here's a fine pair of nylon bristle brushes, just perfect for cleaning test tubes, aquarium filter tubes or your favorite long-necked soda bottle. The smaller brush is $8-1 / 2^{\prime \prime}$ long with a $1 / 2^{\prime \prime}$ dia. while the larger is $10-1 / 2^{\prime \prime}$ overall with a $1-3 / 8^{\prime \prime}$ dia. The bristle area for both is approx. 3-1/2" long.


| 88221 | Lg. Tube Brush | $\$ 1.75 /$ each |
| :--- | :--- | ---: |
| 88220 | Sm. Tube Brush | $\$ 2.75 / \mathrm{pkg}(2)$ |

## Mashers and Smashers

Porcelain mortars and pestles. Great heavy duty mortars, with sides that are easily $5 / 16^{\prime \prime}$ thick on the smaller ones, and up to $1 / 2^{\prime \prime}$ on the larger. The mortars are glazed outside, but rough inside, the better to grind, and have a pouring lip. The business ends of the pestles are unglazed, while the shafts are glazed.
 Very functional, very good looking!!

## 88314 130mL Mortar \& Pestle \$8.25/ each 88909 600ml Mortar \& Pestle \$13.95/ each

## Got Acid?

Our digital pH meter is ideal for science projects, monitoring your water, keeping your prize-winning tomatoes happy and your aquarium healthy, and more. Has a $1 / 2^{\prime \prime}$ LCD that reads from $0-14 \mathrm{pH}$ with a resolution of 0.2 pH . Comes with (3) AG-13 batteries for power, directions for calibration including
 some 7.01 buffer solution and a screwdriver. Measures approx $5-3 / 4^{\prime \prime}$ long $\times 1^{\prime \prime} \times 1 / 2^{\prime \prime}$ with a pocket clip and cover for the business end. Made in Romania!

## 95541 Digital pH Meter \$38.50/ each

## Litmus Papers

Chemically treated paper strips to test for acid or base (alkaline) solutions. Use the blue for acids, the red for bases. The more sophisticated pH test paper strip
 indicates pH from 1 (bright red) to 14 (dark brown). Values in between can be read by comparing with a color chart that comes with the strips. All have (100) strips of test paper per vial.

[^2]
## Pocket Electronic Scale <br> A honey of a little digital scale, the techies Seller! Best in the back room say. This improved Triton T2® scale is pocket-sized (5$7 / 8^{\prime \prime} \times 3-1 / 8^{\prime \prime} \times 3 / 4 "$ thick), and measures up to $300 \mathrm{~g} \times 0.1 \mathrm{~g}, 10.5 \mathrm{oz}$ x .005 oz, 190 pennyweight x 0.1 <br>  dwt, and 9.6 Troy ounces $x .001$ ozt. Has a zero/tare button and a cover that can be removed for use as a larger tray. Comes with (3) "AAA" batteries. <br> 93159 Triton T2 Scale <br> \$19.95/ each <br> Buy 2 or More! \$15.00/ each

## Keep Things In Scale

 Weighing is easy with this digita scale's $7^{\prime \prime}$ square $\times 2-5 / 8^{\prime \prime}$ deep dishwasher-safe, easy-pour bowl for kitchen use, and letter holder and mailing tube holder accessories for office use. Goes up to $7 \mathrm{~kg}(7000 \mathrm{~g}) \times 1$ gram increments and 15.4 lbs in $\mathrm{g}, \mathrm{kg}, \mathrm{lb}$ and oz increments. It has tare, hold, programmable auto-off, and an adjustable audible beep and backlit read-out angle. Takes (3) "AA" batteries, included. Excellent for kitchen, lab or office.
## 94244 Bowl Scale

\$39.95/ each

## Brass Mass Set

And what are you going to do with that scale if you don't order this (10) piece
 set of weights from Learning Resources Inc.? The brass cylinders topped with knobs have the weights stamped on the top. There are (2) each of $1,2,5$ and 10 grams, plus (1) 20 and (1) 50 gram weight. You'll probably want to keep them in the molded plastic holder they come in, but they are pretty enough to display. Just weight till you see them.
90070 Brass Weights
\$19.95/ each

## World's Smalest Postal Scale

Tiny but perfectly accurate, and the only pocket postal scale most folks will ever need. Stick your envelope in its alligator jaws, hold or hang it up and read the weight in grams ( 0 to 100) or ounces (up to 4) in increasing increments. Handy in the US, and very handy for travel to metric lands. Pretty much flat and approx $3^{\prime \prime}$ long in its vinyl pouch, it takes up virtually no room, costs next to nothing, and has no batteries.

## 10902 Classic Postal Scale $\$ 3.50$ / each <br> Buy 2 or More! <br> \$3.00/ each

## What's A Gram Weigh?

About $1 / 100$ of this solid brass 100 g cylindrical weight. Measures 1" dia x approx $15 / 16^{\prime \prime}$ tall with a 7/32" ID cup hook at the top. Pretty. Useful for calibrating scales. And accurate to within one percent, which is one reason for this great price, because if it hit 100 g on the head every time, we'd be charging you a heck of a lot more.
93558 100g Brass Weight
\$6.25/ each

## 400X Student Microscope

New, international-standard, full-sized illuminated student microscope, professional quality at a student price. comes with a variable intensity above and below LED cool illumination system, wall transformer and (3) AA batteries for use in the field. This high-quality compound microscope has turretmounted achromatic objectives, a coarse rack-and-pinion focus and substage diaphragm light control, and a metal frame. It is built to international DIN standards and accepts all DIN eyepieces and objectives. It's a fine instrument for most home science work and projects in the field. Also includes (10) prepared slides for viewing right out of the box.

## Specifications:

*Magnification: 40X, 100X, 400X.
*Objectives: 4X, 10X, 40X Achromatic.
*Illumination: Variable above \& below LED
*Power: Included AC adapter or 3 "AAA" batteries
*Stage: $120 \mathrm{~mm} \times 130 \mathrm{~mm}$ with (2) clips.
*Focusing: Coarse rack and pinion

## 52453 Microscope, 400X \$149.95/ each

## Slip Sliding Away

Slip these prepared slides from My First Lab ${ }^{T M}$ out of their storage boxes and the world's your science lab. You pick: the Frog Parts set, with intestine, kidney, liver, skin and lung; the Flower Power pack with
 stems, lily leaf, lotus root and rose petal; or the Creepy Crawlies with a tasty assortment of earthworm, planaria, ant, mosquito legs and honeybee mouth. These prepared microscope slides are Biology 101 in a box. For ages 9+

| 93643 | Frog Part | $\$ 12.95 /$ each |
| :--- | :--- | :--- |
| 97360 | Flower Power | $\$ 12.95 /$ each |
| 97361 | Creepy Crawlers | $\$ 12.95 /$ each |

## Deluxe USB Microscope

For students or professionals,
this Celestron ® Deluxe
Handheld
Microscope that captures
still images and videos is
a terrific computer acces-
sory. Plug the USB 2.0 cable into
your computer's port and take advantage of the built-in, upgraded 2MP CMOS sensor, 10X to 150X magnification, and 8-LED illumination. It features a 1 sec . to $1 / 1000 \mathrm{sec}$ shutter speed, $1920 \times 1080,1280 \times 720$ and $640 \times 480$ resolutions, max 30 fps videos, 10 mm to 150 mm manual focus and a 2 element glass lens with IR Cut and EFL 158 mm . The $4-$ oz, $4-1 / 4^{\prime \prime} \times 1-1 / 4$ " dia scope may be handheld, or slipped into its metal stand for steadier viewing. Works with Windows 7/8/10+ and MAC OSX 10.12 and up. Very cool.
14570 Digital Microscope
\$97.95/ each

## Has Your Coffee Graduated Yet?

In the lab or kitchen, these clear borosilicate glass mugs have a handle and lip and remind you that science is part of your every day. The smaller $4-1 / 2^{\prime \prime} 400 \mathrm{~mL}$ one has graduations in 50 mL increments and the larger $6^{\prime \prime}$ 1000 mL one in 100 mL increments with numeric markings every 100 mL or 200 mL accord
 ingly; both with more room before you have to worry about spilling. May come with a pour spout on the side opposite the handle which won't affect your beverage consumption but will make it easier to water your favorite house plant. Not intended for serious lab use as the volumes are approximate. Remember to ask for 236.5 ml of coffee the next time you visit your favorite diner.

## 94876 400mL Beaker Mug \$9.95/ each 94878 1000mL Beaker Mug \$13.85/ each

## Just Up To Rubidium

 That'd fill this 9-oz ceramic coffee mug with the periodic table of elements printed on the side to about half a cup. It's printed in color on both sides, actually, in case you're left- handed. The atomic numbers and weights are a trifle small, but then they are atomic.

## 93658 Elemental Mug <br> \$9.25/ each <br> \$8.00/ each

## Engineer's Fashion Accessory

No self-respecting number cruncher can afford to be seen without one of these fashion classics. We'll send you (3) classic white vinyl pocket protectors in the traditional $5-1 / 2^{\prime \prime} \times 3-1 / 2^{\prime \prime}$ size. The front flap is blank so you can add your own name, business or drawing of your favorite Star Trek character. Order quick-
 ly; It's only a question of time before these are seen on the runways in Milan.

## 18995 Pocket Protectors <br> \$5.25/ pkg(3)

## Snappy Lab Jackets

Our fashion buyers are just back from the shows in Milan with these brand new, nice quality, $80 \%$ poly/20\% cotton lab coats. These are Euro-sizes, which generally (and generously) match chest circumference. The 42 has $34-1 / 2^{\prime \prime}$ sleeves, and the 48 has $36^{\prime \prime}$. All are about 39 " long, which means fingertip length or mid-thigh, depending on how long you are. Think men's small, large and XL. They're all five-button, with one breast pocket and two large side pockets
 and have no name or embroidery added. Notched lapels, no vent-just what all the best-dressed technicians are wearing this season.

## 92737 Lab Coat, Size 42

92738 Lab Coat, Size 48

## Remember Readin'And 'Rithmetic?

You can do both with this book-no writin' required! It's The Little Book of Mathematical Principles, Theories, \& Things, which is a title we love, despite the Oxford comma. By math whiz, author and professor Robert Solomon, the
 paperback volume has (224) pages. Measures an easily totable $5-1 / 2^{\prime \prime} \times 7$ ", letting you peruse a lesson on Binary Numbers, The Golden Ratio, Logarithms, Chaos Theory, Russell's Paradox, Fermat's Last Theorem, or about 115 others, each (1) to (2) pages long, whenever you have a spare minute to learn.

## 97694 Pocket Math Book \$14.95/ each

## Chicken Plucking In Igloos

OK, chicken plucking and how to build an igloo, but you could combine them if you needed to. How To is book of wilderness skills with instructions on over (75) things you might need to know someday, including the two above, plus opening coconuts with a rock, sheepshearing, crossing deserts (with the associated treating a snakebite),
 surviving bear attacks, starting fires in the rain, cleaning fish, tanning hides, and shoeing horses. Takes a nice, fun look at desperation in the woods. We've already used a bunch in the office.

## 97178 How To Book

\$12.95/ each

## Knot Your Father's Knot Book

Time was, the Boy Scouts taught lads how to tie a few knots, but that was before John Sherry (knot-instructor par excellence and a member of the International Guild of Knot Tyers) came along with Knot It! a (126)page hardcover book with illustrated instructions for tying (100) different knots. Our faves are the
 Schwabisch Hitch and the Slippery Night Loop. Includes a couple of 15 " hanks of practice paracord and waterproof cards with (20) knot instructions. This could be your new hobby.

## 97084 Knot Book

\$24.95/ each

## This Is For The Birds

Give birds a leg up by building homes for them in your spare time. This excellent book, Birdhouses, Boxes \& Feeders for the Backyard Hobbyist by Paul Meisel and Stephen Moss with Alan \& Gill Bridgewater, is appropriate for any skill level, from beginners to expert woodworkers. Includes (19) projects, with more than (300) photographs, diagrams and step-by-step instructions, all in easy-to-follow text. Book also offers tips on attracting and feeding birds, and information on nesting and predators.
97177 Birdhouse book
\$19.95/ each

## Make More Precise Wands

For the love of Gandalf, don't tell us you're still freestyling your wands? Get serious about magic-baton construction with this one-of-a-kind Compendium of Wooden Wand Making Techniques book. The $8-1 / 2^{\prime \prime} \times 11^{\prime \prime}$ softcover volume has (192) fullcolor pages that focus on (4) woodworking techniques: hand-carving, turning, scrolling and power-carving. Includes (20) stunning wand projects, (5) for each technique, with overviews of said techniques, plus painting and finishing tips. Gorgeous photos show wands both in-process and finished. Alakazam!
98045 Wood Wand Guide \$19.95/ each

## To Boldy Fu Where No Man Has Fu'ed

Martial arts-the final frontier. You've done it all (or most of it). Now, learn the ancient art of Kung Fu from Captain James T. Kirk in the Star Trek ${ }^{\text {TM }}$ Kirk Fu Manual. This 7-1/4" $\times 7-1 / 4^{\prime \prime}$ hardcover book from Insight Editions highlights all of Kirk's legendary moves across (63) full-color pages, most of them illustrated. You'll
 explore moves such as the Tiberius Twist, Rolling Thunder and Flying Drop Kirk. Good luck, Red Shirt!

## 50570 Kirk Fu Book <br> \$5.95/ each <br> Buy 2 or More! <br> \$4.50/ each

## Go Ballistic

If you're devoted to explosions, and who isn't, you'll love the new expanded 2nd edition of William Gurstelle's Backyard Ballistics, now 25\% longer, with 25\% more ka-boomery. Still the go-to reference work for building rockets, cannons (carbide and
 potato), flingers, fire kites, electromagnetic pipe guns, tennis ball mortars, cleaner-bag balloons, ballistic pendula and petards. You simply can't have more fun with common household materials. The softcover, 210pp compendium includes detailed and illustrated instructions, parts lists and sensible ways not to be hoist on your own petard. Be careful out there.

## 92823 Backyard Ballistics \$16.95/ each

## Want To Be A Paperback Writer?

Or want to teach kiddies to write books? Start with blank, staplebound 28 -page paperbacks with bright white, 80-lb paper stock pages and card-stock blank covers. You pick: the 7 " $x$ 8-1/2" books with $3 / 4^{\prime \prime}$ double rules (think primary-grades printing guides) on the bottom half of each page; or the $8-1 / 2^{\prime \prime} x$ 11 " book with un-ruled pages.
96685 Small Blank Books \$5.95/ pkg(3) 96686 Large Blank Books \$3.35/ each

## The Sparks Will Fly...

...when you crank up this 13-1/4 tall, hand-cranked Wimshurst generator. They were the toast of the 19th Century, and remained the hottest thing around, electrostatically speaking, until Bobby Van de Graaf came along. This one works like a top, zap-
 ping sparks to a fare-thee-well with very little cranking. It's mighty pretty too, in acrylic, white and silver, and will dress up a dull physics or electronics lab.

## 93600 Wimshurst Gen. \$84.95/ each

## Cardboard Engineering

When we were kids, the only toy we had was a cardboard box. Walked uphill to and from school, too-both ways. And in the rain. Imagine what we could have done if we'd have had Cardboard Box Engineering, the (175)-page
 book full of photos, illustrations, educational facts and instructions on how to turn household items into games, airplanes, robots, gears, solar cookers and more. Kids can design, tinker and build their own outside-the-box creations, Get it? Outside the box? From best-selling author Jonathan Adolph. Made in USA.
97581 Cardboard Engineer \$16.50/ each

## Eat Smart

They might as well learn something while they're trying to outlast you on eating those lima beans. Set
 the table with educational placemats and they'll be at least a touch smarter after dinner, even if their vegetable intake is low. These laminated, $12^{\prime \prime} \times 17-3 / 8^{\prime \prime}$ mats have full-color fronts, black-and-white backs. Choose the United States Map, Stars \& Constellations, or the Periodic Table of Elements.

| 92513 | US Map Placemat | $\$ 3.95 /$ each |
| :--- | :--- | :--- |
| 92514 | Constellations | $\$ 3.95 /$ each |
| 92515 | Periodic Table | $\$ 3.95 /$ each |

I Count One Bear, Two Bears...
Teach a kid to count the fun way-by counting (60) cute and detailed $1^{\prime \prime}$ tall plastic bears in (6) vibrant colors with matching soft silicone cups, (2) $3 / 4^{\prime \prime}$ wooden dice, one with numbers, the other colors, and 5-3/4"plastic
 tongs. It all comes in an easy-tostore, clear plastic case, like a little toolbox or craft box with snap closures and a lid with a fold-down handle. Great for STEM learning, spatial awareness, addition and subtraction, patterning, problem-solving, hand-eye coordination, color learning and sorting. An eBook lists activities. Ages 3+. $\triangle$ WARNING: CHOKING HAZARD-Small Parts. Not for children under 3 yrs.
50014 Counting Bears Kit
\$9.50/ each
Buy 2 or More!

## Simple Circuit

An easy way to light up the kids' eyes! Teach them to wire a simple circuit with our basic components. The knife switch is mounted on a 1-1/2"x3" black-plastic base. The miniature plastic socket holds a standard flashlight bulb with a 14 mm dia screw base. We pack 6 volt and 3 volt round bulbs, or 1.5 volt bell-shaped bulbs, (5) to a package.(Bulbs are rated slightly higher to prevent them from burning out.) Or hook up the black plastic and metal 2 " $\times 4-1 / 4^{\prime \prime}$ telegraph key with brass contacts and (2) terminal posts with nuts. Our blue-plastic holder for (1) "D" battery has a small tab at each end to hook a lead to, and a $1 / 8$ " square mounting hole at each corner. You add the mounting surface and the know-how. Actual bulb voltage listed in parenthesis.

| 38805 | Knife Switch | $\$ 1.95 /$ each |
| :--- | :--- | ---: |
| 91813 | Telegraph Key | $\$ 6.85 /$ each |
| 38811 | Bulb Socket | $\$ 1.75 /$ each |
| 91158 | 6 Volt Bulbs | $\$ 2.45 /$ pkg(5) |
| 91159 | 3 Volt Bulbs | $\$ 2.45 /$ pkg(5) |
| 91160 | 1.5 Volt Bulbs | $\$ 2.45 /$ pkg(5) |
| 91769 | "D" Battery Holder | $\$ 1.85 /$ each |

## "I'll Raise You A Manganese"

Learn atomic weights while winning money from your classmates. Here's a double deck, (104) cards plus (4) jokers in a plastic case. In addition to the standard playing card values, the decks cover the periodic table of elements. Each card includes one element's atomic number, symbol, series, melting and boiling points, period/group, uses, est. atomic weight, standard state, and the element's name in English. Includes instructions for (2) educational games if you aren't in the mood for canasta or two games of hearts.

## 93185 Elemental Cards <br> \$15.50/ each

## Is That Length Flexible?

Remember those slap bracelets that swept the nation a few years
 easy-to-read ruler is sort of like those in that it stays bent and then snaps open again, but nothing like those in that this is not a fashion accessory. Or is it? Until you decide on that, consider that, tool-wise, it has magnets on the end to keep itself shut, but also to attach it to anything metal. Has standard $1 / 16^{\prime \prime}$ markings with clear lines and large digits.

$$
\begin{array}{lll}
50246 & \text { Flexible } 18 \text { " Ruler } \\
\text { Buy } 2 \text { or More! } & \$ 3.50 / \text { each } \\
\$ 2.95 / \text { each } \\
\hline
\end{array}
$$

## Attention, Math (and Letter) Lovers!

Even a math or literary genius (like you probably are) makes mistakes sometimes. With this ( 60 )-count bag of math symbol and number, or alphabet erasers each approx $1^{\prime \prime} \times 1 / 4^{\prime \prime}$, mistakes disappear as fast as you make them! This is fun stuff-like math and reading themselves!-in assorted, bright colors, including orange, yellow, green and blue.


50394 Alphanumeric Erasers \$1.95/ each

## A Roll For Your Drawers

There's nothing worse than opening a drawer and hearing everything shift and slide all over the place. OK, sure, there are a few worse things, but man we hate that sound. This non-adhesive, soft, synthetic, grippy material brings the sliding to a halt. You'll get a roll of it, $12^{\prime \prime}$ wide $\times 144^{\prime \prime}$ long, and all you have to do is cut it to fit. Without glue of any kind, it naturally sticks to the bottom of your drawer. It's whitecream colored and sort of lacey, probably for extra grip. Great for kitchens, bedrooms, RVs, tool chests, garages, workshops, hobby rooms, man caves and she sheds.

## 98029 Drawer Lining

\$3.50/ each

## Is Your Wall Corked?

Corked bats and wines are bummers, but corked walls are cool. Now you can cork as much or little of your wall as you want with these $6 " \times 6$ " tiles with foam selfsticking backs from Quartet. You'll get (2) per order. Tiles have an uncom-
 mon slant design, where there's no cork in the (3) slanted sections, and we figure that's just good ol' fanciness.

> | 50769 6" x 6" Cork Tiles | $\$ 3.75 /$ each |  |
| :--- | :--- | :--- |
|  | Buy 2 or More! | $\$ 3.00 /$ each |

## Scary Molds

These white porcelain molds from the balloon industry are, frankly, the scariest non-medical items we've seen in a long time. They come in all sorts of sizes, in a bunch of shapes and sizes: rounds, ovals, screws, rods... on shafts with a threaded end to screw into a balloon machine. A surrealist's dream, the answer to an avantgarde sculptor's prayers, and great items to leave in your medicine cabinet for nosy guests to find. We'll make sure you get at least 3 different ones, but sorry, no requests.

## 38839 Balloon Molds <br> $\$ 9.50 /$ pkg(5) <br> Price Drop! <br> \$7.50/pkg(5)

## Siiiix, Gold-ish, Riiings!

You can't blame the original manufacturer for putting (6) gold rings in a package instead of just (5). If they'd have put (5) in there, they'd get nothing but jokes about the "Twelve Days of Christmas" song,
 which would be annoying. Rings are made of steel with a gold-ish coating, 1/8" thick $\times 9^{\prime \prime}$ dia, which means they're way too small for a lord to leap through but ideal for macrame, dreamcatchers, ring around the pin and more. Not suitable for French hens.

## 50480 9" Goldish Rings

\$4.50/ pkg(6)

## Buckskin Laces?

More likely cowskin, but who ever says that? Leather, anyway. Our each is a package of (10) leather cords, $3 / 16^{\prime \prime} \mathrm{x}$ 1/16" x approx 48"-70" long, ready for your frontier craft needs, or for lacing up your boots. Also dandy for cowboy key chains.


96758 Leather Laces
\$7.25/ each

## Bear With Us

We think of these as industrial worry beads, but they're really $5 / 16^{\prime \prime}$ dia ( 8 mm ) steel ball bearings, ready to be put to whatever ball-bearing uses
 you might have. Our each is a pack of (50), which should cover a lot of worries, and whatever else you can come up with. ©WARNI NG: CHOKING HAZ-ARD-Small Parts. Not for children under 3 yrs.

## 95315 Ball Bearings

\$2.75/ each

## Cow Skin By The Pound

 Leather scraps, very assorted Each 2-lb sack will net you some small pieces and a few larger pieces, from $4^{\prime \prime} \times 12^{\prime \prime}$ down to 6 " $\times 2$ ", more or less and give or take, in odd shapes. (If you're lucky maybe even one long piece) Think coin purses and bracelets, not belts. Maybe a jacket for a hipster rabbit. Colors are all over the place, from light and dark browns to reds, whites, maroons and more. You get approx (2) pounds total. Jarvis Says: Our Pkg (2) is one bag weighing Approx. 2 LBS.
40632 Leather Scrap
\$7.50/ pkg(2)

## Put Cork On It

Or under it, or somewhere. These $1 / 4^{\prime \prime}$ thick cork rubber sheets are approx $22^{\prime \prime} \times 16^{\prime \prime}$, and they're surplus from a gasket manufacturer. They make great vibration dampers, and can be cut to fit for furniture and floor protection. Also good to deaden sound in the storage of tools, and pots and pans. Various black streaks through the brown cork may militate against bulletin-board use, but then again maybe not since the bulletins will cover that anyway. And, yes, they're perfect if your hobby just happens to be gasket-making.

## 49290 Cork Rubber Sheets \$11.50/ each

## The Fairest Of Them All

 We'd say our price for this flexible mirror material is about as fair as you can get. For less than 8 bucks, we'll send you (9) $8^{\prime \prime} \times 9-3 / 4$ " sheets of a reflective material we believe to mylar with a selfadhesive back. The idea is to make a mirror-like surface anywhere. We say mirror-like because this stuff has a little carnival feel to it. In other words, it's not totally clear. But it is fair, and when you need a reflective material, it's beyond fair-its great.

## 507999 Mirror Sheets <br> \$7.95/ each <br> \$6.00/ each

## Single Hole Beads

This big, generous 5.19-oz collection of single-hole beads from LaurDIY is a crafter's dream. We didn't count them, but there must be at least a couple hundred different-shaped purples, pinks, blues, whites and golds, all between $1 / 4^{\prime \prime}$ to $3 / 8^{\prime \prime}$ dia
 and just waiting to be strung into something pretty.
50688 Single-Hole Beads
\$4.95/ each

## The Mega Magnet

Paul went out to the warehouse and almost picked up a pallet jack with this monster $2^{\prime \prime}$ square $100-\mathrm{lb}$ pull retrieving magnet from Magnet Source®. Painted red it stands $2-3 / 4^{\prime \prime}$ high with a $1^{\prime \prime}$ dia ( $5 / 8^{\prime \prime}$ ID) eyebolt screwed and bolted into the top, and has welded steel construction to protect and focus the ceramic magnets inside. Includes (2) magnetic shields that you remove before use. Attach a rope or chain to the eyebolt to retrieve or hang heavy items, or use to hold/position hoses or wiring temporarily. Also good for plucking stuff out of rivers and other waterways when the fish aren't biting.

## 97693100 lb Pull Magnet <br> \$16.65/ each

## Cut Your Stress In Half

This might be our most convenient stressrelief tool, a $2-3 / 4^{\prime \prime}$ dia $\times 1-1 / 2^{\prime \prime}$ tall foam half-ball in green with a simple ceramic magnet on the flat side. Stick it to the fridge, where it'll hold your gro-

## Mounting Animal Magnetism

You hear that? Like a deeply satisfying metallic clink? That's the sound of a powerful round mounting magnet in a focusing cup with a hole in the center uniting with the metal surface of your choice. The magnet is $1-1 / 4^{\prime \prime}$ dia $\times 1 / 4^{\prime \prime}$ thick and the hole is about $1 / 8$ " dia. We estimate $25+$ lbs pull based on the face our owner made trying to pull it off his file cabinet. Slide hooks or other hardware through for a powerful mount, which, let's be honest, is what we all want!!
50682 Mounted R/E Magnet \$4.50/ each

## Stick 'Em Up

Now you can have a good, strong hook without drilling any holes. This plated magnetic hook sticks to any ferrous metal surface via a $2^{\prime \prime}$ dia alnico magnet with a 10-12 pound pull. Handy gadget to hold a tool, towel, broom or key ring (and if the ring is too heavy, consider throwing away the keys to your 1983 Chevy, and maybe a few more). The $3 / 4^{\prime \prime}$ long J-hooks have threaded ends and are removable. Our each is a package of (2).

## 93933 Strong Magnetic Hooks $\$ 3.75 /$ each

## Ceramic Power

Ceramic magnets can be quite powerful and have excellent resistance to demagnetization. These rectangular ones are no exception.
 Add the power of surplus and we'll give you these Seller! mighty-mites for bargain prices. This 3 - lb-pull guy is 1$7 / 8^{\prime \prime} \times 7 / 8^{\prime \prime} \times 3 / 8^{\prime \prime}$ thick, for mounting bigger pix, we figure.

## 10584 3-Ib Ceramic Mag <br> \$3.25/ pkg(2) <br> Buy 3 or More! <br> \$2.90/ pkg(2)

## Ceramic Reefers

Beautiful refrigerator magnets, all set to be imbedded in your child's best ever creation for
 refrigerator work. Six file card holding power, $3 / 4^{\prime \prime}$ dia $x$ $3 / 16^{\prime \prime}$ thick ceramic with beveled edges to minimize chipping. They don't come much better than that!!

## 89444 3/4" Disc Magnets $\$ 3.50 / \mathbf{p k g}(8)$

## Fun With Iron Filings

Messy fun, you'll agree, if you've ever seen kids playing with magnets and iron filings, or sharing them in a science class. Our each is $3 / 8 \mathrm{oz}$, which is approx 146 gazillion filings, and pure hell to clean up unless you have one of our handy-dandy aforementioned magnets!


## 91258 I ron Fillings

\$1.95/ each

## Really Big Retriever

Like a $300-\mathrm{lb}$ Labrador for the shop. Our ceramic lift magnet is mounted in a metal housing with swivel that will attach to a standard threaded broom handle or painter's pole, and lift 20-25 lbs.
93514 Pick-Up Magnet


## Get The Hooks

Hang it all with this set of (10) magnetic hooks. The $1-3 / 16^{\prime \prime}$ long $\times 9 / 64$ " hooks screw into 1-3/8" dia magnetic bases with an approx $8-\mathrm{lb}$ pull, which is lighter than most jackets and keys. Good for horizontal or vertical mounts, and dandy for adding hooks to gym or school lockers.
95007 Magnetic Hooks

## Plain Donuts

Can't beat a classic. These uncoated ceramic donut magnets have a 1-lb pull, which makes them dandy for classroom or refrigerator use. They measure $1-1 / 4^{\prime \prime}$ dia $\times 3 / 8^{\prime \prime}$ ID $\times 3 / 16^{\prime \prime}$ thick and are polar-
 ized on the faces. You get a wrapped roll of 29 donuts.
40007 Uncoated Magnets \$8.85/ pkg(29)

## Magnets For Next To Nothing

Although they work best next to steel. You'll get a whole bunch (that's 25) of ceramic magnets at $3 / 4^{\prime \prime}$ dia and either $1 / 4^{\prime \prime}$ thick or $3 / 16^{\prime \prime}$ thick with a center bore approx 1/4". (We'll just grab what's on top, OK?)


## 89924 Ceramic Magnets \$7.00/pkg(25)

## Rare Find!

Rare earth magnets are usually killers for their size, and these thick nickel neodymium discs are no exception. The price, on the other hand, for (3) $7 / 16^{\prime \prime}$ dia $\times 1 / 4$ " 5 -lb lift or (2) $9 / 16^{\prime \prime}$
 dia $\times 3 / 16^{\prime \prime} 8$-lb lift magnets each stored on a $2^{\prime \prime}$ dia steel disc, is a rare exception.

## 93463 Rare Earth 2 Pack <br> \$4.45/ each <br> 92042 Rare Earth 3 Pack \$4.45/ each

## Nickel-Coated, Quarter-Sized

Nice rare-earth neodymium disk magnet, 1" dia, about the same as a quarter but over twice as thick at 4 mm . Rare-earth magnets are permanent and powerful, and this one has approx 7 lbs pull, and always will. Comes with a galvanized metal keeper approx 2" dia so you don't lose it.

## 937981 Inch Disk Magnet \$4.35/ each

## Mighty Pretty \& Mighty Powerful

Like Wonder Woman, this nickelplated rare earth magnet is pretty and extremely powerful. It's a 3/4" square $x$ $1 / 4^{\prime \prime}$ thick neodymium magnet with an $8-\mathrm{lb}$ pull and
 a better-than-usual plating job.

## 41109 Nickel Plated Magnet \$7.95/ each

## Killer Magnet

Once upon a time, a copywriter put this little magnet next to his computer monitor and got really pretty, wavy, auroralike effects. And then got a new monitor! Don't try this at home. Our shiny,
 silver-colored $1^{\prime \prime} \times 1^{\prime \prime} \times 3 / 8^{\prime \prime}$ neodymium magnet looks innocent, but is industrial strength, pulling something like 25 lbs with enough strength left over to erase all your credit cards. And wreak havoc with your monitor.

## 38694 Killer Magnet

\$14.50/ each

## Rock The Poles!

We just want to celebrate...this magnet. (Classic rock fans, you're welcome for the references.) This Alnico cylinder magnet measures $9 / 16^{\prime \prime} \times 11 / 16^{\prime \prime}$ with a $5 / 16^{\prime \prime} \times 3 / 8^{\prime \prime}$ slotted hole (we
 think that's what it's called) in the center. It's a strong bugger at 10 lbs lifting power in the ends, and very shiny silver. Hole makes it great for attaching string to it and retrieving keys lost down the sewer or well. You know, when you lose your keys that way. Made in the USA. You'll get (1) hyper strong magnet per order.

## 49505 Cylinder Magnet \$3.50/ each <br> Buy 4 or More! <br> \$2.80/ each

## The Most Beauteous Cube

Voted most likely to attract by the judges, this magnet has the relative strength of 10 men. A shiny silver 1/2" cube of neodymium magnetism, it packs approx a 15 -lb pull. If our boss Pat were that strong he could lift 2,160 lbs! Besides its superpower
 strength, this beautiful cube also would improve the looks of your fridge or bulletin board to no end.

## 94775 1/2" Neo Magnet Cube \$5.95/ each

## We're Talking A Lot Of Pull

Just off the truck (after we all got together and finally pried them free), these rare earth Neodymium Iron Boron (Ndefeb) block magnets have more pull than your mayor. Shaped like a rectangle, they measure approx $1 / 2^{\prime \prime}$ on each side and 1 " long, with about 40 lbs of pull. Strong! Coated in a triple layer of nick-el-copper-nickel for maximum durability and
 protection. ISO Certified. Br max:14,500 Gauss.

## 97544 1" Neo. Magnet

\$9.95/ each

## Mystery Magnet

Beats us, frankly, but this black plastic cover, $1-3 / 4^{\prime \prime} \times 1-1 / 2^{\prime \prime} \times$ $1 / 4^{\prime \prime}$ ( not unlike a tiny toilet seat cover) is hiding a really nice 1 " dia $\times 1 / 8^{\prime \prime}$ (think: quarter size) plated neodymium magnet, with at least a
 $5-\mathrm{lb}$ pull, inside. The mystery is that the cover won't open unless you break it. The magnet grabs fine in the case or out of it (and frankly, it makes it easier to take off a surface). Or, tap it on its side with a hammer to crack open the case and reveal nothing but magnet. Just Watch your fingers, please.

## 46258 Encased Neodymium \$5.95/ pkg(2) <br> Buy 2 or More! <br> \$5.00/ pkg(2)

## Magnetic Pull

Add a door/drawer pull to any ferrous surface with this 1 " dia $\times 1 / 4^{\prime \prime}$ thick neodymium disc in a polished sleeve with a $3 / 16^{\prime \prime}$ dia hole in a stand-off. Comes with a 1" slip-ring attached, and hangs on for 22 lbs worth. Plenty handy for


## Totally Tubular

Remember when people said that? No? : Ask your dad. We brought it back because we miss '80s surfer dudes and because it's such a good headline for these metal nesting tubes. All are 12 " long with .014 " walls. You pick: the set of (8) aluminum tubes in $1 / 16^{\prime \prime}$ through $9 / 32^{\prime \prime}$ outer
 diameters; the set of (7) copper tubes in $1 / 16^{\prime \prime}$ through $1 / 4^{\prime \prime}$ outer diameters; or the set of (12) brass tubes in $1 / 16^{\prime \prime}$ through 13/32" outer diameters.

| 97152 | Aluminum Tubes | $\$ 6.95 /$ each |
| :--- | :--- | ---: |
| 97151 | Copper Tubes | $\$ 11.75 /$ each |
| 97153 | Brass Tubes | $\$ 23.40 /$ each |

## Micro-Plywood

Small pieces of very thin plywood for your craft and model-making needs. You get 18 cubic inches, which will translate into multiple sheets of 3 -ply poplar, birch or similar wood at $1 / 8^{\prime \prime}$ to $1 / 2^{\prime \prime}$ thicknesses in random shapes and sizes. Our sample was (6) sheets, 6" long x 2" to 3 " wide, some at $1 / 8^{\prime \prime}$ and some at $3 / 16^{\prime \prime}$. Perfect for custommade dollhouse doors!

## 93818 Thin Plywood

\$10.95/ each

## Balsamic Dreams?

It's a model, art, or hobby project waiting to happen. Our each is a bag of balsa wood in sizes ranging from 1/8" square strips to a 5 " long hunk of 2" square and lots in between. Weighs almost $3 / 4$ of a lb , and
 totals 72 cubic inches, which is more than it sounds like. Most pieces run approx 5 " or 9 " long.

## 92910 Bag Of Balsa

\$15.95/ each

## Tie Your Kangaroo Down, Sport

No, don't-marsupials hate that. But tie pertnear anything else down with the anchor wire cable. You'll get (50) feet of (6)-strand
 galvanized steel wire in medium blue translucent insulation, and you'll finally realize just how much you've had waiting to be tie down all this time.


## 49077 Coated Anchor Wire

\$7.50/ each

## Tube \& Sheet Assortments

Knowing that hobbyists and DIYers are creative folk who love bits and pieces and hate waste, K\&S offers big ol' (and little ol') bags of end scrap. Two sizes of bags to choose from, for all of those projects you will definitely have in the future, not to mention the countless ideas
 you'll get when you see the assort-
ment you receive. Please Note: Since these bags are full of cut ends, no two bags will be the same and the included materials will always vary bag to bag. \#320 is a smaller sized tubing \& rod only assortment and \#707 is nearly a pound of larger sized flats, tubes \& rods in a larger bag.

[^3]
## HD Bungees

This 5-pack of $24^{\prime \prime}$ multi-strand elastic bungee cords aren't High Definition-they're Heavy Duty. Cords measure $3 / 8^{\prime \prime}$ dia with sturdy metal hooks that are $9 / 64^{\prime \prime}$ dia thick and 2 $1 / 8^{\prime \prime}$ long with $3 / 4^{\prime \prime}$ inner dimensions and rubber caps on the ends. Outer cloth is black with green flecks. These serious bungees are great for autos, trucks, ATVs, motorcycles, campers, boats and household use. Keep some on hand. You always find uses for good bungees.


97790 Heavy Duty Bungees $\$ 5.40 /$ each

## The Bigger Bungee

Mega-bungee cords. Just the ticket for tying down motorcycles, refrigerators, or large marsupials. (Tie your kangaroo down, boys!) Our each is a package of (10) of these monsters, approx $1 / 2^{\prime \prime}$ dia $\times 6$-feet long, in black with green accents (colors may change), with $1^{\prime \prime} \times 2-1 / 2^{\prime \prime}$
 hooks on both ends. According to $\qquad$ the manufacturer, these will stretch to double their length, 144", but you may want to keep it under that just to be safe.That's almost 8-LBS of bungees and just under two bucks a piece. Outstanding!

## 93107 Bungee Cord 10-Pack\$19.75/ each

## Strap Your Stuff Down

Everybody, and we mean everybody, has a need now and then for bungee cords. This set has (15) assorted heavy-duty cords ( 7 different sizes) with brown, red and black camouflage patterns. Cords are $3 / 16^{\prime \prime}$ or $5 / 16^{\prime \prime}$ dia with lengths ranging from $4-3 / 4^{\prime \prime}$ to $35^{\prime \prime}$ unstretched, and (2) of them are ball cords. All of it stores in a nice, clear plastic
 tube with a screw cap that has a fold-down handle for carrying and hanging. Keep a set in the garage and another in the camper, and they'll always be there for you.
96864 15pc. Bungee Asst. \$9.95/ each

## Scrunchiebungees

Bungeeish scrunchies. Whatever. These here are heavy-duty elastic cords, with plastic balls where the two ends join. The $6^{\prime \prime}$ long loop can stretch to about double that length. Suitable for holding pretty much anything, including Samoan linebackers' dreadlocks. You get a package of (40) in assorted colors including black, red, blue, green and gold.
94071 6" Loop Bungee \$7.50/ pkg(40)

## It's Just A Big Cover-Up

This multi-use, all-purpose, tearresistant, all-weather generally handy blue tarp is for covering up stuff. Measures $7 \times 5$ feet in .0085 thick plastic (polyethylene) with rust-proof aluminum grommets and a $1 / 16^{\prime \prime}$ poly rope inside the hem to give it extra stability. Also makes a nice lean-to or an ugly raincoat.

[^4]
## Tip The Hat To Hipsters

Of course you want to wear your knit hipster hat today-when don't you?-but it's so damn sunny. We got you covered, literally, with this olive drab $100 \%$ wool knit cap that
 includes a built-in brim in front. This "jeep cap," inspired by the U.S. military, meets U.S. Defense Department specs, though it's been redesigned to be larger, cover the ears, and include the bill upfront. Radar O'Reilly loved his! Made in the U.S. of A., of course.

## 97583 Wool Radar Hat <br> \$12.75/ each

## Olive Gloves, Do You?

Olive gloves, you love gloves, we all love gloves! These handsome olive drab gloves are fingerless (on purpose) and have the following info printed on them in white near the wrists: "GLOVE INSERT WOOL. COLD WEATHER TYPE II.
 WPL10418. 70\% WOOL 30\% NYLON. MADE IN U.S.A. " You'll be the only one on your block with a pair, and you'll look good.
97564 Fingerless Gloves \$12.95/ each


## Inside The Beltway

Looking for the perfect accent to offset those paratrooper fatigues or tactical pants that aren't nearly as flattering as you'd imagined? This black belt will turn the other foot soldiers green with envy! It's nylon, 1-1/2" wide x 57" long, with "ribs" every $1 / 8$ " for your pleasure. Or for a secure hold. Probably for a secure hold. The non-metallic pull-through buckle makes for quick clearance at security checkpoints. It's ISO certified, designed to carry gear, and has a built-in belt loop for added security. Cut it to suit your figure. Just make sure to melt the new end .

## 97582 Nylon BDU Belt

\$12.00/ each

## Dogless Tags

Blank dog tags, ready to punch. Each set measures $2^{\prime \prime} \times 1-1 / 8^{\prime \prime}$ x $1 / 32^{\prime \prime}$ thick in matte stainless steel with (2) ball chains, one 24 " long and one $4-1 / 2^{\prime \prime}$ long. You get (2) sets of (2) tags, with (4) chains altogether. Made in the USA.


40462 Dog Tags
\$5.50/ pkg(2)

## Swiss Canteen

Don't worry-this canteen doesn't have any holes in it-that's the cheese. It also doesn't have a scissors or bottle opener that fold out-that's the army knife. It is however, a $10^{\prime \prime}$ tall $\times 4 " \times 2-1 / 2^{\prime \prime}$ plastic Swiss M84 (read: Swiss army canteen) that slides into an aluminum cup that's $3-1 / 2^{\prime \prime}$ tall with swing-out handles so you can hold it like a coffee cup. This is a great col-
 lectible, like most things from the Swiss military.
50742 Swiss Canteen
\$14.50/ each

## The Hat Of Adventure...

If you're wearing a winter trapper hat you're telling the world that you're a person of action. A pilot, an explorer, a hiker, or maybe even an actual trapper. You're also telling the world that you don't like having a cold head. Winter is coming. Get one now. Ours are new poly-
 ester-lined with faux fur and earflaps in assorted camo styles. We'll reach in a pull one out of our bucket. Measure $8-1 / 2^{\prime \prime}$ from the top of the head to the back of the neck, with 4 " earflaps and molle buckle chin straps, many with elastic bands. One size fits all/most.
50842 Trapper/ Bomber Hat \$9.95/ each
Buy 2 Or More!
\$7.40/ each

## Not Environmental Green...

 We suppose this green bag is green enough-being made of cotton canvas, after all-but we're talking olive drab green here. This shoulder bag, known as a bread bag, was overproduced by the Romanian Army. It's equipped with a heavy-duty adjustable canvas shoulder strap and (3) detachable genuine leather straps to hold a bedroll or jacket. Oversized extended flap has a locking buckle system to keep the items inside safe and secure. Has (2) divided compartments inside, (1) approx $4^{\prime \prime} \times 5^{\prime \prime}$ and (1) approx $8^{\prime \prime} \times 5^{\prime \prime}$. Bag measures $13^{\prime \prime} \times 12^{\prime \prime} \times 5^{\prime \prime}$ overall, and people who see you carrying it will be green with envy.
50918 Romanian Mil. Bag
\$24.50/ each

## Mobile Army Surgical Kit

Call it a MASK unit. This faux-military "Minor Surgery" kit from Voodoo Tactical ${ }^{\circledR}$ comes in a 7" x 5" x 2-1/2" canvas pouch containing: $6^{\prime \prime}$ wound probe; $3-1 / 2^{\prime \prime}$ stitch scissors; $3-1 / 2^{\prime \prime}$ tweezers; 5-1/2" bandage scis-
 sors; 5" straight and curved forceps; a \#3 scalpel handle with disposable blade; pupil flashlight with mm gauge; alcohol pads; antiseptic towelettes; some 5/0 monofilament; and a gram of antibiotic ointment. Pouch will be OD, Black or Coyote; we'll spin the wheel of fate to decide. And remember: reenacting actual combat surgery without a license is still not allowed.

## 45584 Surgical Kit

\$24.50/ each

## This Beret's Not Sad, It's Blue

Peace, brothers and sisters. If you're on the peace train, you might like this sky blue 100\% woolen beret from the United Nations, just like the UN peacekeepers wear. Inside, the label says "United Nations Property," which will
 cease to be true when it's your property. Assorted sizes from M to $2 x, 7$ to 7-3/4. Drop us a note with your approx size and we'll see what we can do. No promises, though--you get what you get without throwing a fit.
47477 U.N. Peackeeper Beret \$9.50/ each

## G.I. Can Openers

Newly manufactured P-38 Can Opener from the same folks who supply them to Uncle. It folds! into $1-1 / 2^{\prime \prime} \times 5 / 8^{\prime \prime}$ flat piece which is easily carried and lost. Reportedly works much better than the Asian knockoffs for those who really want to gain entry to the Spam!


## 20787 G.I. Can Opener

\$3.60/pkg(5)

## Dig That Hole, Soldat!

Pardon our Romanian, but after looking at this WWII-era, spade-style entrenching tool (aka, compact shovel), the spirit moved us. You won't blame us when you see this beautiful piece of history, with its thick wooden handle and sharp metal blade, all covered in a unique patina that could come only from actual wartime usage followed by decades of storage. Measures 20 " long overall with an approx $12^{\prime \prime}$ long x $1-1 / 2^{\prime \prime}$ dia handle, and a $7-1 / 2^{\prime \prime}$ long $\times 6^{\prime \prime}$ wide blade.

## 50917 Romanian Shovel \$24.50/each

## The Gas Is Coming!

Not everybody has a voice as strong as Paul Revere, so in later wars, U.S. soldiers spun a Gas Attack Rattle, just like this reproduction, to warn of
 impending gas attacks. It's a serious, extra-large, wooden version of the noisemakers you get at New Year's Eve parties. Handle measures 8" bottom to top, with about $3^{\prime \prime}$ of rattle that extends perpendicular to the handle for $11^{\prime \prime}$. It's fairly lightweight, and loud enough to wake up any troops, even yours.

## 50751 Gas Attack Rattle <br> \$59.50/ each Price Drop! <br> \$24.50/ each

## Don't Brush These Aside

Add this set of wooden handle brushes and nylon-woven bag to your military collection. From the Germany military, probably army because the $7^{\prime \prime} \times 7^{\prime \prime} \times 2^{\prime \prime}$ bag, with its flaptop and either a hook'n'loop or friction buckle closure, is olive drab. Inside, there'll be (3) different brushes, (1) rectangular,

(1) rectangular with a tapered head, and (1) that is smaller for tighter spaces. All are approx 3-1/2" long and still have that used brush look and smell.

## 50745 German Brush Set \$6.50/ each

## 3 Poles

Copernicus, Chopin and Curie (née Sklodowska)? Sure, they're three Poles, and three great ones at that. But these poles are Swiss-like cheese, army knives
 and Le Corbusier-solid Swiss military tent pole sections, metal and wooden, 15-1/2" long $x$ approx $1^{\prime \prime}$ dia with $9-1 / 2^{\prime \prime}$ long x $1^{\prime \prime}$ wide galvanized steel stakes. Poles can interlock with each other, and you'll get (3) of them, along with (3) stakes, in a canvas, non-tradi-tional-camo-patterned pouch. Ours was stamped W. HAAS BLACHEN \& DECKEN BIEL 1938. Extra cool.

## 50750 Swiss Military Poles \$12.50/ each

## For Walls, Not Skies

Don't use these super-cool FAA aeronautical charts to navigate the skies, because they're expired. Not long ago they were used for training and flight simulators. We have an assort-
 ment of random U.S. charts, and we'll send you a great one. They measure approx 58" $x$ 20" but will vary depending on the area of the country they depict. Each is double-sided, color-coded and folded. We repeat: The charts are expired! Not to be used for actual aviation! Know what they're great for, though? Replacing your old Hendrix posters and beer signs, and telling the world you're a sophisticated adult with refined tastes. Since aviation charts expire every 56 days, like the yogurt in our fridge, we're going to keep getting new ones. So keep ordering. Great for techies, travelers and as the coolest wrapping paper anyone's ever seen.

## 97883 FAA Aero Charts

\$3.75/ each

## This Hat Is You, Amigo

We have a bunch of these cool hats that might remind you of a certain Cuban governmental figure's cap, except that these come in stylish beige or chocolate brown (our
 choice), and they're not as big and clunky as the one you might be picturing. These FLEXFIT® hats are $98 \%$ cotton, $2 \%$ spandex and brand-spanking new. Flexible band all the way around gives them a comfy feel. You pick: Large/XL, which is $4 "$ tall $\times 7$ " dia and $10 "$ front to back with a $2^{\prime \prime}$ brim; or Small/Medium, which is $3-1 / 2^{\prime \prime}$ tall $\times 6$ 1/4" dia and 9-1/4" front to back with a 2 " brim.
 Come on, Surpies-share the knowledge! Wherever it's from, it's one handsome chapeau. Size is 56-58, which translates to small/medium. Anyone with a big head shouldn't expect it to fit, but those with small or even medium-size heads should be fine-even those who are full of themselves, ie, small-headed people with big heads
50754 Blue Police Hat \$24.50/ each
Buy 2 or More! \$19.50/ each

## Ein Braces

Why do German soldiers hold up their pants with suspenders? Because they're olive drab green! Wait, that might not be how the joke goes, but what's important is these authentic, German military surplus braces are made of stretchy elastic with leather end straps and adjustable metal clasps. Ends attach to trousers with buttons for suspenders. Straps are 1-1/2"
 wide and off-white on the side that doesn't show when you're wearing them. Nice braces here, Surpies.
50746 Ger. MiI. Suspenders \$9.50/ each

## Powered By Xoopar

Don't ask us how to pronounce Xoopar, but we can tell you all about their Power Note Bluetooth ${ }^{\circledR}$ speaker and portable charging Bank. It's spectacular! Measures a mere 1$3 / 4^{\prime \prime} \times 4-1 / 4^{\prime \prime}$ high, and has a speaker playback time of about 17 hours. Speakler is rated at 3 W , and transmission distance is approx 30
 feet. LiPo battery charges in about 2 hours and has a 1500 MaH capacity. Body is white with a red colored top.

## 50025 Powerbank Speaker \$6.95/ each

## Lay Down And Recharge

Not you, your phone. This little wireless Qi charging disc measures $4^{\prime \prime}$ dia and has an comforting LED indicator light. Includes a 3-foot USB to miniUSB to connect to a PC or adapter
 and outputs $5 \mathrm{~W}, 7.5 \mathrm{~W}$ and 10 W , auto sensing. Manufacturer says it will charge through most phone cases. Pat has one on his desk, and he can't get enough of it. Jarvis says: check and make sure your phone is compatible with wireless charging.

## 97314 Wireless Charge Pad \$14.95/ each

## We Got Wires

Our 8-gauge amplifier wire kit from InstallGear includes (1) 17-foot-long red soft-touch 8-gauge CCA power cable; (1) 3-foot-long black soft-touch 8 -gauge CCA ground cable; (1) 17-foot-long soft-touch (2)-channel RCA cable, (1) 17-foot-long soft-touch CCA speaker wire, (1) AGU fuse holder with a 50 A AGU fuse, (1) 6 -foot-long split loom, (1) 17-foot-long remote wire,
 and (4) $1 / 0$-gauge crimp ring terminals. You take it from here, Surpies-get wired!

$$
50701 \text { 8-Gauge Wire Kit \$17.50/each }
$$

## Attention, Audiophiles!

Still have an old-school stereo component system like we do? You're going to need some new speaker wire eventually if you don't already. Upgrade your sound with this
 InstallGear® Premium Speaker Wire. You'll get 30 feet of 12 -gauge, stranded, high-performance wire on a nice spool. Soft-touch jacket, true spec, easy polarity identification. Coatings are red and black. Rock on, Surpies.

## 50697 12-Ga Speaker Wire \$7.95/ each

## Ears To You

These are nice, uber-affordable, adjustable stereo headphones. With deep bass and high volume-capacity, they've got ergonomically tilted padded ear-cups, a built-in cord-minder and a pause/play remote control. The standard audio jack is at a right angle to prevent the heartbreak of unintentional unplugging. Includes black canvas drawstring pouch. Get 'em for your kids and maybe they'll leave your headphones alone.

## 48412 Bass Headphones

\$8.50/ each

## Moving Picture Studio

No, literally-your motion picture studio will be in motion. Your own vehicle will be a moving, moving picture studio with this dash cam Camera records in HD 1080P video, with night vision, G senor auto-lock, motion detection and anti-erase function. Also records impact while you're parked. Includes an 8GB
 Micro SD card, an extra-long cigarette lighter port cord, and a suction lock for mounting on your windshield. Camera measures approx $2-1 / 2^{\prime \prime}$ square x 1-1/4" thick with a glass hi-res lens and an approx 1 $3 / 4^{\prime \prime} \times 1-1 / 2^{\prime \prime}$ HD LCD display, and it's ready to use right out of the box. Comes in blue or black, and we'll pick because you have a studio to run, and a vehicle to drive.

## 97935 HD Dash Cam

\$24.75/ each

## Hey, Gear Geeks!

Kikkerland ${ }^{\circledR}$, one of our favorites, brings us this great Geeky Gear Gift Set, including a gift box. Golly gee, gang! Comes with a set of earbuds with a $1 / 8$ speaker jack, a charging cable for phones with a 2 -in-1, 6-foot long USB to Micro USB lightning
 cable, an (8)-bit all-metal micro screwdriver set, and the coolest thing of all, a spinney wind-up device that walks when you crank it. It's almost too much fun stuff in a single box. But hey, we're generous like that. Now, come over her and give us a big hug!

## 51002 Tech Gear Gift Set

\$14.95/ each

## Nice Sounding Horns!

We're pretty sure these little stereo speakers for PC laptops and desktops are horns, but they might be fangs, too. Either way, they look really
 cool, and, of course, they sound even better. (You knew we were going to say that-you always know.) In polished white, like proper fangs (and horns), they measure $2^{\prime \prime}$ dia at the big end and curve up to $2-1 / 2^{\prime \prime}$ tall with a tip like an Old West powder horn (or fang). Come with a standard USB plug for power, an $1 / 8^{\prime \prime}$ headphone jack, and an inline volume control with a snooze/mute button. Soft lavender accent lights circle the speaker cones.
49477 Horn PC Speakers
\$7.95/ each

## Don't Eat These Clams!

IIt's not that these clams are out of season, or that we're saving them for later-they're just not edible! Use this super-useful package of (9) clams to keep cords together. We know you have lots of cords because we roll like you and we have cords everywhere. Called Cable Clams ${ }^{\text {m }}$ from Wrap -It ${ }^{\text {m }}$, these $1-3 / 4^{\prime \prime}$ dia gray clamshells hold electronic cords in place. Open the hook'n'loop clam, place your cord(s) across and press closed. Also has an adhesive side so you can stick them to your desk.
 We'd call that double-coverage. Just like a clamshell!
50535 Cord Clam Organizer \$2.45/ each

## Take No Chances

Keep track of who's out there with our weatherproof infrared Bullet Security Camera with 1080 resolution, variable focus and white balance. Has a classic, circular wall mount with a green video jack, yellow analog video jack, female power input and BNC-out connector for video. Camera body is approx $4-1 / 2^{\prime \prime}$ long by $3^{\prime \prime}$ dia, and the housing is gray. Why so cheap? Because you supply the 12VDC-less-than-5W wall adapter with a standard 5 mm plug. Seems fair to us for less than 20 bucks.
50925 Infrared Sec. Cam \$19.50/each

## Power Power Power!

She's a beauty! Portable UL certified 2-port USB wall charger with 3.4A total output. 2.4 amps max per USB output. Classic sized unit but this one has its prongs fold in so no damage when you toss into
 the glove box or a purse.


## 49468 Portable 2A Charger \$3.95/ each

## Go Hollywood

It's the Hollywood Selfie Pole Monopod, and the name alone is making us go all soft in the middle. Starts out 8-1/2" long and extends to a
 very sturdy $39^{\prime \prime}$ with a camera thread at the end to hold the cell-phone holder. The handle was meant to recharge with USB cord and connect to your phone with Bluetooth, however we've found that the non-replaceable batteries are mostly non-working or only hold a charge for a few minutes. Sold for the robust stick itself because your arms aren't long enough.

## 48583 Durable Selfie-Stick \$5.75/ each

## Keyless Fobs Are Forever Our automobile Keyless Entry System from InstallGear® includes a wiring system, main locking unit, (2) key fobs and instructions for assembly and installation. Main locking unit measures approx $3^{\prime \prime} \times 2-1 / 2^{\prime \prime} \times 1^{\prime \prime}$, and the key fobs measure approx $2-1 / 2^{\prime \prime} \times 1-1 / 2^{\prime \prime}$ with a $1^{\prime \prime}$ dia key ring on the bottom, for stuff that still requires keys. Fobs are the future. <br> 

## 50705 Keyless Car Entry \$14.50/ each

## Do Some Power Banking

We're talking about the Ultimate Portable Power Bank from the trusted folks at Sunbeam ${ }^{\text {mM }}$. Charge your devices anywhere, anytime, as the package says. Has an 11,200 mAh battery capacity, 1 A and 2.1A USB charging ports, a USB to micro-USB cord and digital readout. Measures a compact $4-1 / 2^{\prime \prime} \times 3^{\prime \prime} \times 3 / 4$ ". Jarvis Says: Our tech dept. discovered these are not compatible with Apple devices.

## 50850 11Ah Power Bank $\$ 19.50$ / each

## A Mouse Of Many Colors

This mouse is your travel partner, a fashionable shiny whiteplastic optical mouse with red, blue or black accents-and we'll pick because you have a flight to catch. Mouse sides, wheel and top prismatic spot morph through rainbow-color-changing light when in use and has left, right and wheel buttons. Not traveling much these days? It's still perfect for your laptop. Has a USB plug on a 56 " cord and measures 3$1 / 2^{\prime \prime}$ long $\times 2^{\prime \prime}$ wide $\times 1-1 / 2^{\prime \prime}$ high at its highest.

## 49150 Optical Mouse

\$5.75/ each

## Sleeves With Zippers

Your laptop is tough, but like the rest of us, it appreciates a little comfort. This 11-1/2" $\times 15$ " neoprene zippered case/sleeve is uber flexible, soft and padded to protect your investment. Big enough to fit a laptop that's $10-1 / 2^{\prime \prime} \times 14$ ", or maybe a smidge larger. In white, with a tasteful black border and zipper on (3) sides.

## 47629 Laptop Sleeve

\$3.95/ each


51016 Selfie Studio Kit

## Mini Disco Ball For...Phones?

Take the party with you with this minidisco ball. Measures approx 1-3/4" dia and has adapters that allow it to plug into your cellie! That's rightstuck elevators, interminable car rides, boring lunches and jury duty waiting rooms are instant parties with this light! Has a clear plastic cover with a geodesic dome pattern and a voice-activated sensor. Flashing multi-colored light is 4 Watts, DC5V. Includes lightning, micro-USB and USB-C connectors. Oh, wait, we have to take this..

## 50105 Disco Phone Light \$6.95/ each



51017 World Map Antenna \$14.95/ each

## Good Looking?

Nothing to it if you have these $20 \times 70$ binoculars with rubber-coated housing for ruggedness, blue-coated optics, and a K9 prism for sharp images. Great for camping, wildlife viewing, more and large enough for you
to enjoy viewing the night sky. Measure 11-1/4" long overall and come with folding eye-cups, right-eye diopter adjustment, an adjustable neck strap and a carrying case.

## 95812 20x70 Coated Binocs \$89.95/ each

## Binoculettes

Small enough to fit into the belt-mounted black canvas carrying case (4-3/8" $\times 3^{\prime \prime} \times$ 1 "thick), but they open up to be plenty big for most binocular needs. These $10 \times 25$ binocs have
 glare-reducing coated lenses, a thin neck-strap, adjustable fo5cus, water-resistant and easy-to-hold rubber skin, rubber eyecups and fine-tuning for the right eye.

$$
\begin{array}{lll}
93901 & 10 \times 25 \text { Binoculars } & \$ 14.50 / \text { each } \\
\text { Buy } 2 \text { or More! } & \$ 12.00 / \text { each }
\end{array}
$$

## Teleidoscope

The world is your kaleidoscope with a teleidoscope, which is to say that instead of a bunch of little pieces of glass and beads in a rotating case, there's a lens at the other end, in this case a big, clear glass marble making lovely patterns of whatever you point it at. (Try it on a printed page.) Measures $1^{\prime \prime}$ dia $\times 8-1 / 4^{\prime \prime}$ long. The tube is covered with diffraction paper for a cool look. Assorted colors.

## 90211 Magic Kaleidoscope \$10.95/ pkg(2)

## Marvelous Mini-Monocular

Cute and useful, like a puppy that's learned a trade, this small $8 \times 20$ spy monocular has coated glass lenses, double prisms, and an adjustable focus. Measures just 3-1/4" long with a 6 " wrist strap, and has a 282 -foot field of vision at 1 K yards. Please note this does not come with a pouch or lanyard like the packaging says; and that's why it's surplus.

## 96860 Mini Monocular

\$14.50/ each

## Are The Stars Out Tonight?

If so, whip out this super-compact pocket star finder and find you favorite constellations. Southern sky pilots are out of luck, but you folks in the northern hemisphere will find all your twinklers. Made for 40 -degrees north, and will work for North America, Europe and most of Asia. Durable and


96860 Mini Monocular \$14.50/ each weatherproof, it measures $5^{\prime \prime}$ dia.
 Easily fits into a cargo pocket and includes a red night vision filter for your flashlight. Pull it out, spin it to the current date and time, and Orion's your uncle. Ages 8+.
 twist-up eyecups, 7.4 degree angular field of view (FOV), 6.5 ft near focus, linear FOV of 833 feet at 1000 yards, 17.5 mm eye relief, 5.2 mm exit pupil for brighter images \& phase-coated optics. They're completely waterproof and nitrogen-purged to prevent fogging and are "perfect for birding" per Paul. Measure an easy-to-handle $5.3^{\prime \prime} \times 4.9^{\prime \prime} \times 2^{\prime \prime}$ and come with a case, neckstrap and chamois.

## 14526 Nature DX Binocs \$168.95/ each

## A Scout Is...Thrifty

This green, rubber-coated 4 X binocular from Celestron ${ }^{\circledR}$ is kid-sized but otherwise very high quality with coated lenses, an 18" neck cord, beltmount carrying pouch and lens cloth. Has 30 mm objective lens diameter and a 4.3 degree $X$ 225 -foot field of view at 1,000 yards.


## 95065 Celestron® Kid Bino.\$11.95/ each <br> Buy 2 or More! <br> \$10.00/ each

## Starfinder

Whether you're a beginner or an experienced stargazer, with or without a telescope, you'll get more out of the night sky with a Miller Planisphere. This 10 " rotating double disc is a map of the planets, stars and constellations, useful across a large range of the northern latitudes, although most accurate in the range of $35^{\circ}$ to $45^{\circ}$ north. It can be aligned to the time and date in your location to display a detailed map, and includes tips on finding the planets, suggestions for telescope projects, and more. It's an invaluable learning tool that makes stargazing a lot more fun.

## 91720 Planisphere Sky Map \$14.50/ each

## The SkyMaster ${ }^{\text {TM }}$

From Celestron ${ }^{\circledR}$, who rules the skies! These are our best-selling binoculars! The very nice pair of 15 X 70 binoculars have multicoated optics to reduce refraction and a weatherresistant rubber housing, and are a relatively light
 5.2 lbs. They come with a carrying case, chamois and neckstrap, plus a handle/adapter for a standard 1/4"-20 mount for a tripod. A lifetime warranty is available from Celestron®

## Super Loupe

This extremely good quality folding jeweler's loupe in polished aluminum folds into a protective cover. It measures 1-5/8" x $13 / 16^{\prime \prime}$ and is teardropshaped when closed. Doublet lens, 18 mm dia, approx 10X, lit by (2) very bright white
 LEDs, powered by (3) buttoncell batteries that are included. It has a small loop for a chain, and comes in a plastic case with a small tool for accessing the batteries.

95095 10X Lighted Loupe<br>\$7.95/ each<br>Buy 3 or More!<br>\$6.50/ each

## Full Page Magnifying Sheet

Flat plastic Fresnel lens. This flexible magnifier is $7-1 / 4^{\prime \prime} \times 10-1 / 4^{\prime \prime}$ and only about a millimeter thick. It is great when you need to scan a list or to look for something in a directory. You can see most of the page without moving the magnifier. Only about 1.5 power, but that can make a huge visual difference. The quality is not high, but neither is the price.

## 8665 Magnifying Sheet \$2.50/ each

## Pocket Microscopy

Good things come in (2) different small packages. Our pocket microscopes are compact and perfect for a clear, close look at stamps, coins, flora, insects or assorted minutiae. The 30X version measures $5-3 / 4^{\prime \prime} \times 1-5 / 8^{\prime \prime}$ $\times 3 / 4$ " in black plastic with a focus knob, on/off switch, small LED for illumination, and a vinyl carrying case. Requires (2) "AA"s. The 60X version is a microscopic $3-1 / 4^{\prime \prime} \times 1-3 / 16^{\prime \prime} \times 3 / 4^{\prime \prime}$ and has a built-in white LED illuminator powered by (3) coin-cell batteries that are included. Magnifies from 60100X, with coarse- and fine-focus knobs, and has a vinyl carrying case.

## 34407 30X Microscope <br> \$7.75/ each <br> 93252 60X Microscope \$9.95/ each

## Up Close, And Up Closer

Forget watchmaking, you could write the "A Tale of Two Cities" on a piece of tortellini with this triple magnifier visor. Magnifies from 1.8X to 4.8X. Has a permanent 2.2X lens, a flip-down lens, and a flip-down loupe. Separate white
 LEDs at each temple, powered by (2) "AAA"s each which aren't included. The whole thing is in a black plastic visor, 7-3/4" wide $\times 5-1 / 4^{\prime \prime}$ deep with a flexible plastic strap held by a hook-and-loop closure. Opens to $9^{\prime \prime}$ max dia and has coated acrylic lenses. Now then: It was the best of times, it was the worst of times....
95883 Headband Magnifier \$12.95/ each

## No Shock, Sherlock

This very good-optical-quality $3 X$ magnifier has a $3^{\prime \prime}$ dia glass lens set in a $7-1 / 2^{\prime \prime}$ long traditional Sherlockian-looking rubberized handle. In black with French blue accents for stylish sleuthing. Plastic and rubber body is shock resistant.

## 97154 3X Magnifier

\$2.95/ each
What Big Fonts You Have... Do words get smaller every year or is it just us? We're loving this new modern 3 X magnifier with a 5 X inset magnifier. Acrylic lens measures $3^{\prime \prime} \times 2^{\prime \prime}$, and inset measures approx $3 / 4^{\prime \prime}$ dia. Lens folds up and down on a sturdy plastic handle that holds (2) "AAA" batteries to power the push-switch LED light. J ackpot! Handle is sort of pistol-like and folds up and down for compactness. Handle might have blue, green or red accents, and we'll pick one to match your failing eyes.
98074 Handheld Magnifier \$8.50/ each

## Handy Pocket Magnifier

This little 5X, 3/4" dia glass magnifier for home, business or hobby use slides into its own $2^{\prime \prime} \times 1-3 / 8^{\prime \prime} \times 3 / 4^{\prime \prime}$ black case. Slide the magnifier out all the way and it automatically turns on the white LED light, just like your fridge, except it's not cold. (Don't want the light? Just pull it out part-way.) Runs on (3) button-cell batteries, included and replaceable.

## 94348 Sliding Magnifier <br> \$3.95/ each

## Sherlock-Sized \& Lighted

This XL magnifier measures 3 $3 / 8^{\prime \prime}$ dia with a $5^{\prime \prime}$ long handle, all rubber coated. Glass lens is 1.5 X and surrounded by (3) bright white energy efficient COB LED strips that run on (2) included "AA" batteries. Tap-on, tap-off switch. Good for everything from reading to looking at bugs and such.

## 95019 Lighted Magnifier

\$5.95/ each

## Pocket Magnifier

A nice 3 X loupe, 2-3/8" dia, that folds into its own 3-3/8" x 2-5/8" tear-drop-shaped plastic case, and it's only $5 / 8^{\prime \prime}$ thick, just right for sliding into your pocket. Pay no attention the "4X or 6 X " markings on the package-if mistakes didn't happen, we wouldn't be in business.
92677 Pocket Magnfier
\$5.95/ each

## Magnifier Pendant

Excellent quality 1-3/4" dia magnifier on a gold- or silver-colored, thin 36" chain with clasp. Package calls it 5 X but our magnification guru says less than that at optimum focal length. Perfect for wearing to formal antique shows.


## \$3.50/ each <br> \$3.50/ each <br> 94508 Gold Magnifier 94509 Silver Magnifier

## Two, Two, Two Lenses In One

This folding magnifier has (2) glass lenses that can be used solo or in tandem. Each is $1^{\prime \prime}$ dia and 7.5 X magnification, and together they're 15X (which you just did in your head). The hinged lenses slide into a black plastic teardrop case that measures $2-1 / 4^{\prime \prime} \times 1-1 / 2^{\prime \prime}$. Like a giant jeweler's loupe. Super-handy, powerful and as portable as they come.

## 97157 Dual Magnifier

\$4.25/ each

## Introducing...The Switchlens!

This pop-out magnifier lens offers the practical implications of a magnifying lens with the sensible space-saving storage and coolfactor of a switchblade. Silver plastic case measures approx 4$3 / 4^{\prime \prime} \times 2-1 / 2^{\prime \prime} \times 3 / 4^{\prime \prime}$, and when you press the two buttons on the sides, out pops the 2 X magnifying lens, which measures $3-3 / 4^{\prime \prime} \times 2^{\prime \prime}$ with a $1^{\prime \prime}$ dia inset lens giving you $6 X$. Both work great, and the magnifier slides out with a satisfying click. We can see it now-a new version of West Side Story with fights/dance-offs by rival optometry practices.

## 50670 Pop-Out Magnifier <br> \$3.50/ each

## Mighty Bright Loupe

This 8 X folding loupe in white plastic and aluminum has a pair of very bright white LEDs next to the lens. Runs on (3) buttoncell batteries, included, and has a
 tiny wrench to help you replace them.

Seller! When folded, it looks like a standard coach's whistle, or a really big apostrophe. Forgive the package for saying 30X - if it didn't say it, we wouldn't have it!

## 93705 8X Bright LED Loupe \$6.75/ each <br> Buy 2 or More! <br> \$6.00/ each

## For Great Viewing

Our best jeweler's loupe, this has a professional-quality, full 10X triplet lens. A ring of (6) white LEDs around the $13 / 16^{\prime \prime}$ glass lens ensures an even distribution of light. Housing is an angu-
 lar, 7 -sided teardrop shape $1-3 / 4^{\prime \prime} \times 1-1 / 8^{\prime \prime}$ that folds out of a metal case with a strap hook. Tucked into the small leather pouch it comes in is a spanner wrench, in case you ever need to replace the (3) button-cell batteries.
93977 10X Triplet Loupe $\$ 29.50 /$ each

## It's Kinda Like A Periscope

The package calls it, the Adventures Scope. It's a handheld digital viewer with an approx $1-3 / 4^{\prime \prime} \times 1$ 1/4" LCD color screen and a 27" flexible-neck with a $1^{\prime \prime}$ dia scope on the end with (4) LED lights. Neck holds the shape you put it in,
 and then all that's left is to press the trigger to turn on the camera. Don't be fooled by the packaging. It's great for kids, but it's also great for looking at access points for insects and rodents, and for when you drop your keys behind something. You supply (3) "AAA" batteries. ! WARNING: CHOKING HAZARDSmall Parts. Not for children under 3 yrs.
97905 Adventure Scope
\$38.50/ each

## A Pyramid of Prisms

 Polished glass equilateral prisms. Equilateral because each edge of the end is the same length. Thus, as all you geometry students know, each of the angles is also the same, 60 degrees. They do a nice job of refracting light to produce a nice rainbow-like spectrum, but are definitely not up to instrumentation standards. Sides range between appx 20 and 25 mm .

| 31801 | 2" Glass Prism | $\$ 7.95 /$ each |
| :--- | :--- | ---: |
| 31798 | 4" Glass Prism | $\$ 9.95 /$ each |
| 31799 | 6" Glass Prism | $\$ 15.95 /$ each |



## Safety Mirror

For the shaving kit, the campground or the kids, nothing says no nasty glass shards like plexiglass. This unframed, unbreakable, back-surfaced mirror is $3-1 / 2^{\prime \prime} \times 2-1 / 2^{\prime \prime} \times$ $3 / 32$ " thick. Please note that there is a protective film covering the front which you need to peel off before using.

## 92618 Plexi Mirror

\$6.95/ pkg(3)

## Bend Light For the Memories

There's optical science and high school physics, and then there's making pretty colors with this little $4-1 / 2^{\prime \prime} x$ about 1" acrylic prism. It makes the same rainbows that the beveled edges on the glass in the French doors to your grandmother's living room used to make on the floor in the afternoon while she was making supper. If you had a grandmother with French doors with beveled glass, who made you supper. If not, you'd better buy this prism or you won't have anything to remember after she's gone.
93037 Acrylic Prism
\$6.55/ each
Buy 2 or More! \$5.55/ each

## Button, Button...

who's got the button? You do, which means you don't have to go the drugstore when your watch, calculator, camera, radio or nearly anything else stops. Be prepared for electronic quitters with this 30 -pack of button cell batteries in the most popular sizes. Our each is (6) AG1,
(6) AG3, (6) AG4, (3) AG5, (3) AG12, and (6) AG13 batteries. (Some devices may call these G1, G2, etc., or have other arcane codes for these same sizes.) Brand new!

## 93241 Asst. Button Batteries \$3.25/ each

## Lithium Five-Fer

The pentapack: You pick (5) 3V lithium coin cell batteries, CR2025, CR2032, or CR2016 still in their packaging, for a price that looks like a single battery, because you're smart enough to shop here. Looking for a large quantity? Try our (20) pack for huge savings!


| $\mathbf{9 3 2 4 2}$ | CR2032 Li (5) Pack | $\$ 3.25 /$ each |
| :--- | :--- | :--- |
| 40919 | CR2032 Li (20) Pack | $\$ 8.25 /$ each |
| 93995 | CR2025 Li (5) Pack | $\$ 3.25 /$ each |
| 96879 | CR2016 Li (5) Pack | $\$ 3.25 /$ each |

## Button Cell Alkaline Batteries

You know all those A.S.\&S. catalog items that call for AG13 or AG10 buttoncell batteries? We've got ya covered. Our each is a package of (10) or
 (100), for the bulk minder shoppers, of 1.5 volt AG13s(AKA A76s, LR44s, V13Gas, and RW82s) or AG10's (AKA 389, 390, 189, L1130, LR1130, L1131) No need to thank us, we're just doing our job.

$$
\begin{array}{lll}
92524 & \text { AG-13 Batt. } 10 \text { Pack } & \$ 1.95 / \text { each } \\
94609 & \text { AG-10 Batt. } 10 \text { Pack } & \$ 1.95 / \text { each }
\end{array}
$$

## Battery Bonanza

When you run out, you have to run out and buy more. Stay home with this pack of (24) "AA" and (12) "AAA" alkaline batteries from Polaroid. Box says they're good until 2030.


## 43563 36Pc. Battery Pack \$13.20/ each Buy 2 or More! <br> \$12.00/ each

## Need Juice?

We have big ol' (24)-packs of alkaline batteries in (2) standard sizes that won't lose their charge for 10 years in storage and are guaranteed
 leak-proof up to 2 years. Don't worry-you'll use them long before that for your many devices, toys and batter-ies-required what-nots. From Farpoint $®$, these 1.5 V LR03 Platinum Plus batteries are mercury- and cadmium-free. You pick: the "AAA" pack or the "AA" pack. Power up!

| 97789 | 24 AAA Batteries |
| :--- | :--- |
| 97788 | 24 AA Batteries |$\quad \$ 9.50 /$ each

## Landfill Save!

The other day we heard someone in the warehouse shouting, "I'm rich! I'm rich!" It was Pat, who thought he was standing in front of a gigantic pile of quarters. We had to tell him they were Panasonic
 industrial CR2032 coin cell batteries. Can't blame him, though-they look awfully similar. These are take-outs from medical equipment, and we'll send you (50) 2-packs with each order. We've spot-checked a bunch of them with a voltmeter (which showed over " 3 volts" power), and a battery tester (which put their strength in the green/good range). So, they're ready to go.

## 49810 2Pc CR2032 Batt \$12.50/ pkg(50)

Power Bar
Don't try to eat this power bar before a big
race-it's not that kind. This one has (6) elec-
trical outlets with surge protection (450
joules) and handles all your plug-in stuff.
Has a decorative 3-foot, (3)-prong flat
plug of its own, and the strip itself is a
pretty standard 10" long x 1-1/2" wide
$\times 1$ 1" high with an on/off toggle switch.
In white, and for indoor use only, with
rear indents for wall hanging.
$\mathbf{5 1 0 1 8} \quad \mathbf{6 - O u t l}$

## Battery Tester

Knowledge is power - in this case, battery power. You'll know from the easy-to-read gauge on this black-plastic handheld minitester whether a battery is good, low or needs to be replaced. The $4-1 / 4^{\prime \prime} \times$ $2-3 / 8^{\prime \prime} \times 1$ " testor reads "AAA," "AA," "C," "D," 9 volt, 1.5 volt button, and other sizes.

## 91981 Battery Tester

\$5.50/ each

## Everybody Needs An Outlet

Take care of them all with this monster, grounded and surge-protected wall tap with (6) outlets plus (2) USB ports--and everybody needs USB ports. Converts a standard double outlet to an 8 -way source that will support up to 15 Amps .
 USB puts out 2.1 Amps. Measures 5-
 $5 / 8^{\prime \prime} \times 3-1 / 2^{\prime \prime} \times 1-5 / 8^{\prime \prime}$ in a light gray/beige color. ETL listed. Even includes the center screw (most don't) to anchor it to the wall plate so it wont pull out!

## 96598 6-Way Wall USB Tap \$10.95/ each

## Testing, Testing, Storing, Carrying..

Nobody has batteries like you do-except for us. Our junk drawers are full of them, but ever since we got this Farpoint® Battery Caddy with Tester, our life has been re-energized! See-through case measures $8-3 / 4^{\prime \prime} \times 6-3 / 4^{\prime \prime} \times 2-3 / 4^{\prime \prime}$ and holds (55) batteries. Built-in tester tells you if they're still juiced or
 ready for recycling. Case, with carry handle, holds (4) each of " $D$, " " $C$ " and 9 -Volt batteries, plus (16) "AA," (18) "AAA" and (9) button cells.
97949 Battery Case Tester \$11.50/ each

## Be A Meter Reader

And save a bundle. The "Kill-AWatt" plugs into a wall outlet and accepts the power line for any devices or appliances that draw up to 1875 watts. Identifies energy eaters, tracks efficiency and costs over time, and checks on your electricity provider by monitoring voltage, current (amps),
 watts, kilowatt hours, frequency $(\mathrm{Hz})$, volt amps, power factor, and elapsed time. Measures 5$1 / 8^{\prime \prime} \times 2-3 / 8^{\prime \prime} \times 1-7 / 16^{\prime \prime}$ with a $1-3 / 4^{\prime \prime} \times 11 / 16^{\prime \prime}$ LCD screen. You may never use a waffle iron again.

## 93575 Kill-A-Watt

\$27.95/ each

## Six-Way Flat Outlet

A handy space-saver, this 6-outlet tap expands a double outlet (with grounded plugs) to take (6) grounded plugs. In off-white plastic, it measures $4-3 / 4^{\prime \prime} \times 3-1 / 8^{\prime \prime} \times$ $1-1 / 4$ " thick, with the outlets on the
 long sides. The plugs run in the same direction, along the long axis. Can also be flush-mounted if you remove the existing wall plate, since it will take a long screw through to the outlet threads. Rated for a maximum of 15A. Great for behind furniture, TVs, etc. UL.

## 93661 6-Outlet Side Tap <br> \$5.95/ each Buy 2 or More! \$5.00/ each

## Wall-Hugger Outlet Tap

Converts (1) grounded outlet to (3) outlets, oriented so that the plugs you add run along the wall, not
 perpendicular to it. In dark green, with a 15A maximum. Indoor use only. UL.
93926 3-Outlet Tap
\$4.50/ each

## Need More Juice?

Our oval (3)-outlet extension cord is 16 -gauge and 6 feet long with an outlet housing that measures 4$1 / 2^{\prime \prime} \times 3-1 / 2^{\prime \prime}$. Outer body is made of a soft, bendable material, which makes it easy to wrap around things
 and hide. You need the juice, not the eyesore. And you can always use an extra extension cord. Has a (2)-prong plug and (2)-prong outlets.

## 49422 Tuck-Away Powerstrip \$9.50/ each <br> Buy 2 or More! <br> \$6.00/ each

## Power Supply

This MW® regulated power operates on 120 VAC and delivers constant accurate power to a video game, radio, portable TV, or
 any device drawing up to 2.0 amps . The 5 $1 / 8^{\prime \prime} \times 3-7 / 8^{\prime \prime} \times 2-5 / 8^{\prime \prime}$ housing has a rotary dial to designate $3,4.5,6,7.5$, 9 or 12 VDC output, and heavy-duty red and black binding posts. Automatic short circuit and overload protection and thermal cutoff. The mini plug kit contains six of the most popular DC plugs for DC powered devices such as portable TV sets, video games and radios.


## Clamp-On, Not Crampon

This digital volt meter has nothing to do with climbing-it's a 600A AC/DC digital clamp-on meter, which means it has a handy clamp at one end, allowing you a free hand and the ability to leave circuits on while you test them. Meter measures AC current to
 1,000A, AC voltage to 750VAC, DC voltage to $1,000 \mathrm{VDC}$, Temperature to $1,400^{\circ} \mathrm{F} / 750^{\circ} \mathrm{C}$, and Resistance to 2MO. Has audible continuity, data hold and comes with probes, K-type temperature probe, wrist strap instructions and a nice black zippered case.

## 52083 Digital Clamp Meter \$19.50/ each

## Not Your Mother's Multimeter

We don't care if she did go to MIT-she could only have dreamed of today's mulitmeters, like this one, with a 3-1/2 digit, 7 -segment $0.5^{\prime \prime}$ LCD display with a max reading of 1999. Measures DCV $0.1 \mathrm{mV}-1000 \mathrm{~V}$, ACV $0.1 \mathrm{~V}-750 \mathrm{~V}$, DCA $0.1 \mathrm{~mA}-10 \mathrm{~A}$, OHM $0.10-2 \mathrm{mOHM}$. Has diode-forward voltage drop and hFE bipolar PNP and NPN transistors, replaceable fuse, included 9 V battery
 and red/black test leads. Operating temps10F-104F; storage temps10F-122F. Use in less than $75 \%$ relative humidity. Included instructions look to be cyrillic, so check your favorite internet help site if you need a how-to guide. Measures approx $5^{\prime \prime} \times 2-3 / 4^{\prime \prime} \times 1^{\prime \prime}$.

## 97228 Digital Multimeter <br> \$11.95/ each

## That's A "Wiggy" To You

If you're not in the trades, you probably don't know that the pros call this non-contact AC voltage detector a wiggy. Ours is from Tolsen Tools, so you know it's great. At 6" long, in easy-to-keep-track-of yellow, it measures AC current from 12 to 1000 Volts at 50/60hz. Has a sound and light alarm for when voltage is detected, and auto power-off. Just point it at your wire and it'll pick one of (3) sensitivities.

97823 AC Voltage Detector \$14.50/ each

## We Got Boards

We're light on surfboards and ironing boards right now (aren't they the same thing, anyway?), but we do have (2) nice circuit boards, both 4 " $\times 5$ ". You pick: the (8)-channel relay module board (actually a switch board) with (9) fuses protecting a terminal block connection, (1) input +/-, (8) outputs, all terminal block screw contacts, an on/off slide switch and green indicator; or the filtering circuit board originally used with closed circuit cameras, with a 120VAC terminal block input, 12VDC outputs via (2) separate terminal blocks, LED indicators for both live AC and live DC, and unknown amperage, but it's part \# DPS0401-2, so you might be able to find more info, resourceful as you are.
50765 Relay Module Board \$9.50/ each 50766 Filtering Board \$14.50/ each

## Clean Your Contacts

Works on all of them except the ones stuck to your eyeballs. Corrosion-Be-Gone is a gel made to remove the schmutz from all types of battery terminals, circuit boards and contacts, on everything from cars to computer boards. Our each is a 0.3 oz jar .

## Restore Your Remote

Don't toss it and buy a universal remote. (How many things are really universal, after all?) 0000 Try this jar of Keypad Fix, designed to clean and restore conductivity to the carbon on the keys and the copper PC board pads that make up the rubber-coated
 switches on remotes, game controllers, and security key-
pads. Contains enough to coat over 200 button contacts.

## 93683 Keypad Fix

\$4.95/ each

## Circuit Board Bonanza

Here's something you don't see everywhere. We have very, very, very assorted (new) blank circuit boards ranging from $6 " \times 6 "$ down to $1^{\prime \prime} \times 1$ ", and we'll send you (10) of them with our greatest intentions of giving you at least (5) different kinds. In classic circuit-board-green-and-metallic, they were
 originally intended for kids' robotic
toys and games. Now you can use this dream assortment for soldering practice, one-of-a-kind art pieces, home décor, and probably about a hundred other things we're not thinking of. Oooh-jewelry!
78403 Blank Circuit Boards \$7.50/ pkg(10)

## 5...4...3...2...1...Launch!

What we have here is a bunch of toggle switches rated at 20A, 12VDC (Max) with LED lights in their tips so you can tell when your rockets are hot and ready to launch. On/off 2-position standard size toggles, SPST. with a 12 mm neck and mounting nuts. Each has the classic flip up cover so all your friends at the airfield will think you are cool. Switch meas-
ures $1^{\prime \prime} \times 9 / 16^{\prime \prime} \times 1-1 / 8^{\prime \prime}$ overall with cover $2^{\prime \prime} \times 1-3 / 4 " \times$ $9 / 16$ ". Each has (3) spade terminal connectors, (2) are switch contacts and third is to power LED. Already have some toggles to cover? Pick-up the (2) packs of opaque plastic ones in carbon fiber-pattern or solid red.
$\begin{array}{ll}97961 & \text { Clr/ White LED Switch } \$ 5.50 / \text { each } \\ 97957 & \text { Ylw/ Amber LED Switch } \$ 5.50 / \text { each } \\ 97958 & \text { Blue/ Blue LED Switch } \$ 5.50 / \text { each } \\ 97959 & \text { Grn/ Grn LED Switch } \quad \$ 5.50 / \text { each } \\ 97960 & \text { Red/ Red LED Switch } \quad \$ 5.50 / \text { each } \\ 97572 & \text { Opq. Red Bat Cover } \$ 5.25 / \mathrm{pkg}(2) \\ 97566 & \text { Carbon Fiber Cover } \$ 5.25 / \mathrm{pkg}(2)\end{array}$

## Peltier Heat Pump

High tech comes to Am Sci \& Surp!! It is here in the form of a Peltier junction, a thermo-electric device that translates electric power into heat, and perversely, into cool. Apply current at 15VDC to the gizmos and they extract thermal energy from one face, thereby cooling it. The heat is dumped onto the other face, thereby heating it. Please note: you must use a heat sink on the hot side or the junction will fry itself, since it can quickly create a $65^{\circ} \mathrm{C}$ temperature differential in a no load situation. $1-9 / 16^{\prime \prime}$ sq. $\times 3 / 16^{\prime \prime}$ thick and draws 6A.

## 89143 Peltier J unction

\$8.95/ each

## Step On It

Perfect for hands-on hobbyists. Foot-pedal speed controls free up your paws to do the real work. This one's for 120VAC devices, and ideal for
 machines using approx 200 W or
 less. Measures $5^{\prime \prime} \times 3^{\prime \prime} \times 2-1 / 4^{\prime \prime}$ tall, with a 6 -foot cord that plugs into the wall and a grounded female plug for your sewing machine, rotary tool, scroll saw, or, if you really make a lot of banana Daiquiris, blender.

## 93239 Pedal Speed Ctrl.

\$20.95/ each

## Go Ahead, Cross Your Wires!

Do whatever the heck you want with this wire set containing (350) lengths of pre-stripped, pre-formed \#22 solid wire in various colors. They come in a sturdy plastic $10-1 / 2^{\prime \prime} \times 4-3 / 4^{\prime \prime}$ storage case. Set has (14) different lengths of wire ( 25 each) in lengths ranging from
 $0.1^{\prime \prime}$ to $5.0^{\prime \prime}$. Since you asked, the exact sizes are: $5^{\prime \prime}, 4^{\prime \prime}$, 3", 2", 1", 3/4", 5/8", 1/2", 3/8", 1/4", 1/8", 1/16".

> | 50226 | \#22 Wire Set | $\$ 8.75 /$ each |
| :---: | :--- | :--- |
|  | Buy 2 or More! | $\$ 6.50 /$ each |

## You Say Breadboad...

And the manufacturer, Elenco Electronics, says Bredblox, but what's in a name? These are just nice little breadboards for electronic experiments. The Elenco Model 9830 measures $6-1 / 2^{\prime \prime}$ long $x 2-1 / 8^{\prime \prime}$ wide $x$ $5 / 16^{\prime \prime}$ thick with (2) power busses up both long edges and (63) double rows of more busses. The holes for components and Seller!! jumper wires are approx .050" each and multiple boards can be interlocked via tabs and ports on the long edges.
93061 Prototype Breadboard \$10.95/ each
Buy 2 or More!
\$7.00/ each

## Reptilian Electronic Helpers

Alligator clips to you, (5) of them. Measure $1-1 / 2^{\prime \prime}$ long, and you pick the ones with the red or black grips. Then, go clip something. What you clip is
 your business-we don't judge.
48288 Black Alligator Clips\$2.95/ pkg(5)
48289 Red Alligator Clips \$2.95/ pkg(5)

## Move Your Butt

These brand-spanking new 12VDC motors are made to move automobile seats but are willing to change. They spin at approx 190 rpm, draw 1.5A no load, and stall at approx 25 A . Threaded shaft is at a right angle and is $4-1 / 8^{\prime \prime} \times 7 / 16^{\prime \prime}$. Shaft thread is non-standard, so treat it as a smooth shaft and mount
 pulley or gear with a setscrew. Measures 5-5/8" $\times 2-1 / 2^{\prime \prime}$ x 2-1/2" overall, not counting the shaft, and has power terminals opposite the gearbox with (2) 1/4" mounting holes opposite the shaft.

## 40588 Car Seat Motor <br> \$14.75/ each <br> Buy 2 or More! \$10.00/ each

## Crimp Your Style

Crimp your style, but don't cramp it. Nobody wins there. These 10-gauge copper crimp terminals from InstallGear® measure $1-1 / 8^{\prime \prime} \times 5 / 8^{\prime \prime}$ with a $1 / 4^{\prime \prime}$ dia hole and come in a (20)-pack. They come with (10) red and (10) black $3 / 4^{\prime \prime} \times 1 / 4^{\prime \prime}$ plastic cover tubes, too. Nothing more to say here. You know what to do with 'em.

## 50702 10-Ga. Crimp Terms \$4.95/ each

## Pistons Are A-Pumpin'

It's a beauty folks. These are pretty clean take-outs from what we have been told is a breast pump assemply. They operate from 3VDC up to 12 VDC , but that won't matter because we are going to include the wall adapter.
 (9VDC@2Amps) The steel housing measures $3.5^{\prime \prime} \times 4$ " $\times$ $5^{\prime \prime}$ and inside is a gear motor, $2.5^{\prime \prime}$ piston style assembly and a control board. The controller has a speed control and a push button pause. The diaphram on the top of the assembly measures $2-3 / 4^{\prime \prime}$ and raises up and down about 1". It's a very soothng sound. Built in Switzerland so you know it's a sound unit.

## 49238 9vdc Piston Motor

\$14.50/ each


## Have You Seen The Muffin Man?

Muffin fans, pay attention. You pick the "nice" 110 VAC 21W fan from Thermocool, measuring 4-3/4" square $\times 1$ $1 / 2^{\prime \prime}$ thick with an offset two-pin power connector, rated for 82-95 cfm and spinning at approx 2600 rpm , with five blades and $3 / 16^{\prime \prime}$ mounting holes at the corners (Mfr part \# G12038HA1ST); or the "beastly" 110VAC 36W muffin fan from the same mfr, which blows up to 198 cfm at 2900 rpm and measures $6-3 / 4^{\prime \prime} \times 6^{\prime \prime}$ tall $\times 2^{\prime \prime}$ thick with (2) power terminals on a removable shroud, 5 blades, 5/32" mounting holes on the corners plus a ground lug. Both UL.

[^5]
## 10 Fer \$10

It's a head-spinning 10-Fer! Ten fans for ten bucks! These cute little 2" square 50 mm muffin fans by Runda operate from 618VDC, and they're rated at 18 Volts. They're pretty gusty at 12 VDC and run strong off a single
 9 -Volt battery. Each fan is 10.5 mm and has (4) mounting holes in the corners. These are take-outs from unused equipment, and super clean. Great for group projects. Think: Scouts, classrooms, prototyping...

## 4981610 Tiny Muffin Fans 10.00 / pkg(10)

## Powerful As All Get-Up!

1-1/2-9 VDC Gear Motor with a right angle gearbox and a $5 / 16^{\prime \prime}$ shaft. Shaft comes out of gear box back towards the motor. Overall size is $3^{\prime \prime} \times 3-1 / 2^{\prime \prime} \times 2-1 / 2^{\prime \prime}$ and
 weighs in at just over $1 / 2 \mathrm{lb}$. Draws 250 mA no load and 750 mA full load. This bugger is one of the best motors we have had. Nominal voltage is 9 VDC ( 75 RPM) but will run off of just (1) AA battery with good torque and up to 12VDC for short periods.

## 4916312 VDC Gear Motor $\$ 9.50 /$ each <br> Buy 3 or More! <br> \$5.00/ each

## Itsy Bitsy Blower

This little black plastic fan and frame measures 2" square $\times 7 / 8$ " thick, and is a 12 VDC 0.15 mA brushless model EFB0512HA. Has an air flow of 11.40 cfm , and spins at
 5500 rpm . Able to operate from -10 to 70 degrees Celsius. Has a pair of 6 " long red/black leads with a quick-disconnect.

## 48820 2" Sq. Brushless Fan \$4.50/ each

## Mini Air Compressor

Nifty device that takes maxi air and squeezes it down into a mini condition. The device is roughly 6$1 / 2^{\prime \prime \prime}$ long $\times 6$ " tall $\times 4$ " wide. It has a 10 ft . cord that plugs into an auto lighter socket: i.e. it runs on
 12 VDC @ 10 amps . Air output is via a $12^{\prime \prime}$ hose with a variety of valve adapters for tires, soccer balls, rubber rafts, and just dusting off the environment. Complete with a $0-250$ psi gauge. Which should be plenty of pressure to explode a weak bike tire, so please be careful!

## 23271 12V Air Compressor \$21.95/ each

## We're Pushy About Pulleys

We hate to be pushy but you could use this pulleys. You'll get (5) black plastic wheels ranging in size from 10 mm to 40 mm dia, and then, with a little push, who knows what you might do with them. We're pulling for you.
97478 Pulley Wheels

\$5.95/ pkg(5)

## Stop That Flapping!

Every time your tarp flaps, it's a cry for help. The solution is this (4)pack of classic, adjustable tarp clips. Great for tarps with no holes, or tarps whose holes have gone away. Nonslip grips have a thumbscrew for easy jaw opening and closing, and a 1/2" dia hole for shock cord hooks or tie lines. Clips measure 3-1/2" long x $1^{\prime \prime}$ wide. Also great for tents, awnings, and car and boat covers.

## 979504 Tarp Clips

\$3.95/ each

## The Little Black Dress Of Buckles

Eggs comes in sets of a dozen so
why shouldn't molle buckles?
Use these (12) plastic buckles to
make cool paracord bracelets or
to fasten something more utilitarian.
Each buckle measures $7 / 16^{\prime \prime} \times 9 / 16^{\prime \prime}$
$\times 1-1 / 8 "$ when connected.
$\mathbf{9 6 8 4 9}$ Molle Buckles

## Plumb Cheap

Our each is a set of (4) removable sink strainers with stainless steel mesh wells and flat rims. The set includes (1) 4-1/2" dia for 2-1/4" drains, (1) 2-3/4" dia for $1-1 / 8^{\prime \prime}$ drains, and (2) 2" dia for 3/4" drains.


## 92458 Sink Strainers

\$2.45/ each

## On \& Off Like A Valve

It's funny how some things are named so TEW, appropriately-like this PVC turn valve for water (and other fluids) shut-offs and turn-ons (including walks on the beach). As we men-
 tioned a few lines above, the thing turns on and off like a valve! Because it's a valve! Fits $9 / 16$ " tubing on each side with a screw-tight collar on (1) end. Whole thing measures $4^{\prime \prime}$ end-to-end with a big, thick T-handle to twist with your thumb and forefinger. Great for DIY plumbing, which is always the best because you do things right.
50921 Water Shut-Off Valve \$1.95/ each

## Lazy Scott Bearings

Never seemed fair to nail the "lazy" tag so permanently on the "Susans" but that probably has no "bearing" on the issue. Also called turntable bearings, they are
 the square, flat ball bearing devices YOU bolt between two flat objects to achieve rotation. Like that spinning center section of a Chinese restaurant table. We had these in surplus once and they were quite popular. To our chagrin, we discovered they could be bought commercially for the same price. So we did. The 4" version is rated for a 300 lb and the 12 " (round) for 1000lbs.
2934 4" Turntable Bearing \$4.35/ each 21992 12" Turntable Bearing \$13.95/ each

## Do You Strap Your Awnings?

Neither do we, but we don't have awnings. You'll find something else to use these nylon hook-and-loop awning straps for--like keeping your extension cords and small garden hose nice and tidy when you're not
 using them. You could also use a strap or two to achieve some sense of order with your computer and entertainment center cables. Measure $24^{\prime \prime}$ long x $1^{\prime \prime}$ wide with $3 / 8^{\prime \prime}$ steel D-rings at one end, and they're reusable. You'll get (6), (1) each in red, white, black, yellow, blue and green. (Can you say color-coded cables?)

## 97142 Nylon D-Ring Straps \$2.85/ each

## Small But Mighty-ish

Solid, durable and strong for its size, this 3/4" single, fixed-loop pulley has a brass wheel and a $1 / 4^{\prime \prime}$ dia loop for hanging. Measures 1-3/4" overall with a $25-\mathrm{lb}$ max load. Don't use it for lifting anything overhead, but if you have some lightload craft or DIY projects that require a small pulley, this is it.


| 50829 | 3/4" Brass Pulley | $\$ 2.50 /$ each |
| :--- | :--- | :--- |
|  | Buy 3 or More! | $\$ 2.00 /$ each |

## Brace Yourself!

Actually, brace something that you're building or reinforcing with these sturdy National Hardware ${ }^{\text {TM }}$ flat corner braces with included mounting screws. You pick: the
 (4) brass, $1-1 / 2^{\prime \prime} \times 3 / 8^{\prime \prime}$, (4)-hole Lshapes; the (4) zinc-plated, $2^{\prime \prime} \times 3 / 8^{\prime \prime}$, (4)-hole L-shapes; the (4) zinc-plated, $3^{\prime \prime} \times 1 / 2^{\prime \prime},(4)$-hole L-shapes; or the (2) zinc-plated, $3^{\prime \prime} \times 3^{\prime \prime}$, (5) hole T-shapes.

| 50137 | 1-1/ 2" L Brace | $\$ 2.75 /$ each |
| :--- | :--- | :--- |
| 50138 | 2" L Brace | $\$ 2.75 /$ each |
| 50139 | 3" L Brace | $\$ 2.75 /$ each |
| 50140 | 3" T Plate | $\$ 2.75 /$ each |

## Need Help Pullin'?

Hey, we're here to help, as always. Try this 3/4" metal, swivel-eye, single-sheeve pulley for $1 / 8^{\prime \prime}$ ropes. From KingChain ${ }^{\circledR}$, this powerful little workhorse has an 88-lb pull. Great for projects on the lighter side, DIY construction, yard displays, garage rigging and science fairs.

## 50219 3/4" Metal Pulley \$2.95/ each

## Hello Dolly

Good-bye backaches. Save your sacroiliac with a 3 -wheeled professional mover's dolly. It measures 6 $3 / 8 "$ wide between a trio of swivel casters with $1-9 / 16^{\prime \prime} \times 11 / 16^{\prime \prime}$ wheels, and has a drop-down center and a 1/2" dia hole for permanent attachment to frequently moved items. Steel construction, 110 lb max load (so not pianoduty), and rubber pads above each wheel. Stands $2-1 / 2^{\prime \prime}$ tall. We think ordering (4) would be a good place to start.
93662 3-Wheel Dolly
\$7.50/ each
Buy 2 or More!
\$6.50/ each

## These Will Move You

Need a tough rigid caster with a $3^{\prime \prime}$ dia $x$ 1-3/8" wide hard plastic wheel? We thought you might, which is why we ordered extra. Measures approx 4" from the mounting plate to the bottom
 of the wheel, and has a load capacity of 200 lbs. Just think of the uses! (Wait, you already have.) Steel mounting plate measures $3-3 / 4^{\prime \prime} \times 2-3 / 4^{\prime \prime}$ with (4) bolt mount holes.
50472 3" Plate Caster
\$4.95/ each

## Hands Free Foot Grab

We're into hygiene around here (it's the Science in us), and if we didn't already have foot grabs on our restroom doors,
 we'd be installing these in a hot second. Seller! They look like little soap dishes, with up-pointing serrated edges. Made of 14 -gauge silver/grey powder-coated steel and include (5) \#10, 1-1/2" long stainless-steel screws. Attach the $5^{\prime \prime} \times 2^{\prime \prime}$ back to the bottom of a door, set your foot on $3-1 / 8^{\prime \prime}$ wide $\times 3-1 / 4^{\prime \prime}$ long toothed platform and gently pull. Way easier than it seems. Made in USA.

## 49676 Steel Door Foot Grab \$4.95/ each Buy 2 or More! <br> \$3.50/ each

## Big Casters

Yeah, big casters at a nice price. We have (2) styles of brand new, steel swivel threaded stem casters with $5^{\prime \prime}$ dia $\times 1$ 1/4" gray rubber treads on black heavyduty plastic wheels, each with a max load capacity of 300 lbs . You pick: model \#20TM28A with a mounting height of 6 "; or model \#32J880A with a mounting height of 5-13/16". No brakes on these beauties-they're free-rollin'.

| 50445 | $6 "$ Swivel Caster | $\$ 6.75 /$ each |
| :--- | :--- | :--- |
| 50446 | $5-13 / 16 "$ Caster | $\$ 6.75 /$ each |

## Who Invented The Wheel?

Yeah, we don't know, either-it was a long time ago. But whoever made this 6" dia Tente-like wheel deserves a medal. Has a heavy-duty 4-1/8" dia plastic hub (with a 10 mm bore) that
 moves separate from the outer plastic rim with an approx $1^{\prime \prime}$ thick $\times 1^{\prime \prime}$ wide rubber tread, which is non-marking. Wheel measures approx $6^{\prime \prime}$ dia overall and we think it's a gurney wheel due to its super-smoothness. Capacity is 300 lbs .

## 50836 6" Non-Marking Wheel \$7.50/ each

 Buy 4 or More!\$5.00/ each

## This Is One Smooth Ride

When these 2" dia $\times 7 / 8^{\prime \prime}$ wide wheels on swivel casters came in, we looked at each other and said, "That's the smoothest caster we've seen in ages." Looks like we just said it again. Wheel is gray plastic with a darker gray rubber tread, which means it won't mark your floors. Stainless steel mounting plate measures approx $1-1 / 4^{\prime \prime} \times 2-1 / 8^{\prime \prime}$ with (4) mounting holes on the corners, and the whole apparatus measures $2-3 / 4$ " top to bottom. Weight capacity is 100 lbs .

```
50837 2" Swivel Caster
    Buy 4 or More!
\$4.50/ each \$3.00/ each
```


## Jar-0-Cables

This clear plastic jar has (650) cable ties inside, (400) at 4 " long, (200) at $6^{\prime \prime}$ long, and (50) at 8 " long. Longest have $40-\mathrm{lb}$ tensile strength; both others have $20-\mathrm{lb}$. In red, white, blue, green, yellow and black. Red screw cap has a fold-up carrying handle. UL approved, but also approved by electricians, IT folks, fussbudgets and serious organizers.
97486 Big Jar Of Zip Ties \$8.25/ each

## Color-Coded Straps

For bundling and identifying cables. Our each is a 10 pack of 7 " long hook-and-loop tape, (2) each in red, green, black, blue, and yellow. For the superorganized, each strap has a small violet, scarlet, lime, gray, or orange loop tab on the end for attaching the bundle to something and further color-coding it.
93245 7" Cord Bundle Straps \$2.75/ each

## Hook Your Own Loops

Staggeringly useful hook-andloop fastener tape for do-it-yourself fastening and hanging needs. And trust us, the more you buy, the more uses you'll find. You get (2) strips (yes, one with
 hooks and one with loops) in black, measuring 1 m long $\times 20 \mathrm{~mm}$ wide, which in English is approx 39 " long $\times 11 / 16^{\prime \prime}$ wide.

## 93257 Hook \& Loop, Black <br> \$1.95/ each

## Worth Springing For

No large ones, but (101) amazingly assorted small extension, compression and torsion springs -most, but not all, $1^{\prime \prime}$ to $2^{\prime \prime}$ long. Assorted lengths, assorted widths, assorted finishes, asorta handy bag of replace-
 ment parts to have around the house.

## 92272101 Asst Springs \$5.65/ each

## For Jumbo Loads

These jumbo, 40" super-heavy-duty, 3/8" wide cable zip ties have 250 -lb tensile strength, and can bundle stuff with a dia anywhere from $2 / 5^{\prime \prime}$ to $12-2 / 5^{\prime \prime}$. We'll send you a package of (10). Cheap ties don't have temperature ratings, but these monsters are rated for a staggering 40 F to 185 F ! That's a bigger range than Pavarotti! In a smart shade of off-white, so you can bundle things after Labor Day without worrying. From SecuriTIE, a division of Gardner Bender ${ }^{\circledR}$. UL.

50133 40" HD Zip Ties
\$10.75/ each

95543 Deluxe Work Stand
\$46.50/ each Buy 2 or More!
$\$ 25.00 /$ each

## Tiny Lil' Sponges

These sponges are so lil' they can't be called just lil'. We have to call them 0 tiny lii'. Measure $3^{\prime \prime} \times 1-5 / 8^{\prime \prime}$ and can be used in solder kits. Or for cleaning up the world's smallest messes. Or as grasshopper yoga mats. You'll get a package of (20) sponges, which means you'll be able to open your own grasshopper yoga studio.

## 50649 Tiny Sponges \$4.50/ pkg(20)

## Soldering Supreme

Oh look, here's a really nice soldering tool kit from Elenco, what a sur-prise-not! Elenco always makes great tool kits, and this ST123 Tool Kit is no exception. Includes
 (1) ZD-200C soldering
iron 25 W (ETL), (1) ST-3 wire stripper, (1) ST- 1 side cutter, (1) ST-2 long nose plier, and (1) 620000 sponge. Use this kit to repair your gadgets or create new ones as you DIYers do. Comes in a compact, reusable plastic package.

## 52066 Elenco Solder Kit \$14.50/ each

## Soldering Gun in a Jar

Wire glue-the solution when you can't find the soldering iron, don't want to bother, are out in the woods, don't quite trust a fifth-grader with a hot gun, can't reach the connection with
 both hands, whatever. This stuff conducts low voltage AC and DC circuits in a permanent bond and is easy to use. Our high-tech support group suggests that a toothpick is a good way to apply it. Cures overnight. Our each is a $0.3 \mathrm{oz} / 9 \mathrm{ml}$ jar.

## 92838 Conductive Wire Glue \$4.95/ each <br> Buy 3 or More! \$4.00/ each

## Lead-Free Solder

Sometimes you don't want lead in your solder. You know this. Our each is a dispenser that feeds approx 109" of lead-free solder in 0.04 " dia wire. Solder is $99.3 \%$ tin and $0.7 \%$ copper. No need to thank us for refraining from lead soldier puns.

## 96744 Lead-Free Solder

## Your Own Personal Stripper

This one's from Tolsen Tools, and it doesn't do lap dances, but you can take it with you pretty much anywhere you go. It's an automatic wire stripper with preset wire diameters of 1.0 , $1.6,2.0,2.6$ and 3.2 mm (18-8 AWG). Made of 65 Mn black steel with a heat-treated blade, and measures 7 " long with Tolsen's signature yellow no-slip han-
 dles. Can't go wrong with Tolsen.

## 97864 Auto Wire Stripper \$12.50/ each

## A Knife To Help You Cope

This coping blade is a pocketknife with a woodgrain handle. Or this pocketknife with a woodgrain handle is a coping blade. One or the other. Actually, both! From Morris, it's a 4-3/4" long tool when folded and just under 8 " when the $3-1 / 2^{\prime \prime}$ long stainless steel blade is extended. Pay no attention to the "carbon-steel" misprint on the package. That's why it's surplus! Made to skin smal wires and cable. Has a handy hanging hook, too.
50933 Pocket Coping Knife \$5.75/ each

## Get Set To Solder

Our super soldering set comes with a 25 W soldering iron with a $5 / 32$ dia tip, approx (5) feet of desoldering braid, de-soldering pump, iron holder and (5) feet of lead-free solder. A must have for any budding electronics kit builder.


## 95162 Beginner's Solder Set\$14.75/ each

## Attention, Solderers!

That's not a typo-we're talking to you, Best soldering iron afficionados. This 25 W soldering iron from Elenco® is a beauty, partly because it's from Elenco®; they make great stuff. Other proof of its awesomeness include the fact that it measures approx 8 " long with a comfy hand grip and an attached cable and plug that stretches more than $57^{\prime \prime}$ long. This is a really solid tool that any solderer would be proud to own even solderers who are also soldiers.
50235 25W Solder Iron
\$6.50/ each
Buy 3 or More!
\$3.00/ each

## Blaze Up!

What you torch is up to you, but we suggest you do it with this extra-high temperature 2300F butane Torch Blue. It's handheld, in a pistolgrip style, with a blue cylindrical body/handle, a wide black plastic base, a silver nozzle up top, a blue sliding lever control and a red safety cap. Measures 6-
 1/2" x 5" x 2-1/2"
$973082300^{\circ}$ Butane Torch \$18.50/ each

## Zap-N-Sratch-Free Picks

This excellent 4-piece set of doubleended picks is made of nylon so you won't damage your electronics or electrocute yourself. They have hexshaped shafts for a good grip, and assorted pick, probe, hook and scraper ends. Equally good for auto detailing or any place where you want to avoid scratching.

97321 Nylon Picks

## Elephant Ears?

Don't stick cotton swabs in anyone's ears, even your elephant's, although the largest of these will be tempting. Our each is a giant 325 -piece pack of single-tip cotton swabs on wooden sticks and in (6) different sizes. The smallest is about what you've got in your medicine cabinet, and the rest range on up to the elephantine, 8 -
 $1 / 2^{\prime \prime}$ long with $3 / 4^{\prime \prime}$ dia swabs on the end. Were thinking artists, art restorers, auto detailers, electronics techs, gunsmiths and fussbudgets of all sorts will love them.

## 96947 325pc. Cotton Swabs \$7.95/ each

## Drive On, Surpies We never get tired of high-quality, magnetic- WEM! tip screwdrivers. The more, the drivier! These are from Elenco®, and years from now when you're marveling at their reliability and ease of use, you'll be glad you took a few moments years ago (today) to order them. We'll send you (1) $3 / 16$ " tip flathead, and (1) Phillips each with a $6 "$ long shaft and a $1^{\prime \prime}$ dia knurled plastic handle, <br>  clear with blue accents. Very nice. Essential to your tool kit. Ridiculously inexpensive. Can't go wrong.

## 52023 Magnetic Drivers

\$4.50/ each

## Micro-Vise

It's officially a watch-case holder, and indispensable for jewelers and watch collectors, but it's equally useful for holding anything small and squirrely while you
work on it. A pair of $1-3 / 4^{\prime \prime}$ long work on it. A pair of 1-3/4" long $\times 15 / 16^{\prime \prime}$ tall brackets have (4) sets of
(6) holes that take (4) movable posts.

Spring-loaded jaws dial open to a max of $1^{\prime \prime}$.

## 93875 Watch Case Vise

\$3.95/ each

## Comfy Hemostat

Hey, there's two words you don't see next to each other that often: comfy hemostat. This one feels really nice in the fingers because of its black, rubber-coated handle. The whole stainless-steel tool is about $7-1 / 2^{\prime \prime}$ long with a $7 / 8^{\prime \prime}$ tip and big round finger holes. Locking the teeth keeps it clamped on its own. This is a sturdy piece. Use it to hold
 something in place.
49507 7-1/2" Hemostat
\$7.50/ each

## Great Blade

J ewelers have the best looking tools. This ultraslim knife is $4-1 / 2^{\prime \prime}$ long $O A$, with a flat metal handle that comes in assorted colors (our choice). The short, broad blade is honed to fit into the slit in a watch case and pop the back off easily. It doesn't $\qquad$ fold into itself, but does come in a protective vinyl sleeve for storage. Very sharp

## 92161 Watch Case Knife \$2.95/ each

## Not Just For Watchmakers

This 16-piece set of watchmaker's tools are just as handy for jewel-ry-makers, crafters, or anyone else working with small parts. The professional watch-repair kit Includes (2) tiny Phillips-head screwdrivers, (3) diminutive flat-heads, a case knife, nonmagnetic tweezers, case wrench, metal/plastic watch hammer, link-pin remover, double-head pin pusher, (3) pin-punches, small needle-nose pliers, and a watchband holding block. Just changing bands and batteries? Get these tools to make it a lot easier
93753 Watch Tools
\$14.95/ each
93824 Assorted Watch Batt. \$3.25/ each

## Cool Tool

Winner of this week's "What is That?" award. It's a watch crab, also called a spanner wrench, that's designed to remove the back from watches, lenses from telescopes, and other thin, flat components from
 whatever they're attached to. Heavy for its size, it's $1^{\prime \prime} \times 2-3 / 4^{\prime \prime} \times 3 / 8^{\prime \prime}$ thick, with sharp $1 / 4^{\prime \prime}$ prongs projecting from the edge. The prongs move from 2 " to $7 / 16^{\prime \prime}$ apart as you spin the furled nut between them. An impressive tool to flash in front of your brother-in-law. If he doesn't read our catalog, he won't have a clue!

## 91902 Watch Crab

\$6.75/ each

## Under Three Cents Per Screw

Our eyeglass- and watch-repair screw kit pretty much guarantees you'll have the itty-bitty teeny-tiny fastener you need to fix every little thing. The 250 -piece set includes a labeled assortment from 2.5 mm to 4.5 mm in (4) watch-screw and (8) eye-
 glass-screw categories. In a $3-3 / 8^{\prime \prime}$ dia rotating caddy. Try not to spill these onto a carpet.

## 94505 Watch \& Eyeglass Kit \$6.95/ each

## Tiny Brushes

Teensy tiny brushes for cleaning teensy tiny tubes, airbrushes, spray guns, tattoo equipment, nozzles, etc. Think miniature bottle brushes. You get a set of (5) brushes: $1 / 32$ ", $1 / 16^{\prime \prime}, 3 / 322^{\prime \prime}, 1 / 8^{\prime \prime}$ and $3 / 16^{\prime \prime}$ dia. All have nylon bristles, are 4 long, and are on a slip ring so you won't lose them.
93983 Tiny Bottle Brushes \$2.95/ each
Buy 2 or More!
\$2.40/ each

## It's A Pen, It's A Driver, It's Super

And it's cute. Just 4-3/8" long with a pocket clip, it looks like a pen but it has (8) driver bits stored in the barrel. The $5 / 32^{\prime \prime}$ hex bits include slotted $2 \mathrm{~mm}, 3 \mathrm{~mm}$, Phillips \#1, \#2 and torque T5, T6, T7 and T8. We'll pick one in red, black or blue, because it comes in the assorted colors of red, black or blue.

95987 Pen Multi-Driver
Buy 2 or More!
\$4.25/ each
\$3.50/ each

## Non-Rickety Ratchet Set

You might be fine with a rickety ol' ratchet set, but we're telling everybody to upgrade to this Morris (40)-piece Ratchet Drive Socket \& Bit Set because it's a compact doozy. Includes (1) reversible 7" long
 ratcheting driver with a big comfortable handle; (1) mini driver, approx 3-1/2" long, for smaller jobs; (1) 1/4" drive adapter 1-3/16" long; (23) bits $1-3 / 16$ " long (flat head, Phillips, square, hex and star); and (14) nutdriver bits, SAE and metric.

## 50728 40Pc. Ratchet Set <br> \$14.95/ each



Bend It, Shape It
Any way you want it. This cast aluminum wire jig for jew-elry-making measures $4-3 / 8 " \times 1^{\prime \prime} \times 5 / 8 "$ with (4) $1^{\prime \prime} \times$ $1 / 4^{\prime \prime}$ steel pegs, semi-circular and triangular bending points, slots at $3 / 32^{\prime \prime}, 1 / 8^{\prime \prime}$ and $3 / 16^{\prime \prime}$ wide, plus one with a small divot to one side. Includes mounting screws.

## 96604 Jeweler's Wire Jig \$5.85/ each

## Got Unreamed Beads?

IIf your beads need reaming, nothing reams beads like diamond-coated bead reamers. This quartet all have a 2 $7 / 8$ " plastic handle in different colors and include cone, tapered, pointed and cylinder tips. With diameters of 0.2 mm - 5 mm they are ready to meet your most sophisticated bead-reaming needs.

## 947214 Pc. Bead Reamers \$3.95/ each

## Big Strapping Fellow

The pipe wrench's gentle cousin, a strap wrench works with rubber straps instead of steel jaws. This strap wrench fits objects up to 4" across in virtually any shape-like oil filters, shower heads, faucets, bottle and jar lids, PVC fittings, stuff like that. Flexible strap makes it easier in confined spaces. From GRIP® Tools.

97320 Strap Wrench
\$8.25/ each

## Double Phillips

Here is one handy, space-saving tool. It's a Husky 693-247, doublesided, Phillips \#1 and \#2 screwdriver, and the driver heads bend in opposite directions making it all look like a really lazy letter " $Z$ ". Measures $4-1 / 2$ " long $\times 1 / 4$ " dia, and bits extend approx $3 / 4^{\prime \prime}$. Shaft has (2) knurled spots for grip, and we'll send you (3) of them so you can keep them in different locations or give a couple away.

## 50580 Double Phillips

\$3.95/ pkg(3)

## This Set Is Offset

From Performance Tool®, this offset screwdriver set consists of (5) lower-profile, 4" long shafts on a split-ring connected to a nice carabiner. Clearance is 10 mm , and offset angle is 15 degrees, which makes them good for hard-to-reach fasteners in home appliances, vehicles and a hundred other things you can think of. Drivers include a 3/16" slotted, Phillips \#1 and \#2, and Pozi PZ1 and PZ2. Handles are heat-treated steel and bits are steel alloy. One word for both: durable. Everything in the set fits into a nice plastic tray for organizational awesomeness.

## 50823 Offset Screwdrivers \$8.75/ each

## Not A Plain Plane

There are plain ol' planes and there's the 42000 Plane from Tolsen Tools. This hand-held wood plane has a carefully sharpened, adjustable blade that can be used for soft or hard wood. Also has an anti-slip comfort PVC grip and a strong, plastic adjustment
 knob. Blade is $1-3 / 4$ " wide, and the whole shebang measures a compact 9-1/4" long. Store it in the sturdy cardboard box it comes in. Tolsen means quality, which sounds like an ad slogan, but it's true.

## 97261 Tolsen Wood Plane \$12.95/ each

## See Saw

See saw, buy saw. Then go on a camping trip and saw some firewood so you don't freeze your tuchas off in the
 woods. This folding steel crosscut saw opens to $10-1 / 2^{\prime \prime}$ long with a 5" blade, but folds to a tote-able 6-1/4" long. Has an easy-grip contoured handle and a locking blade.

## 96861 Folding Crosscut Saw \$7.35/ each

## Chinese Rifflers

Riffler files are most prized by sculptors, wood carvers, model makers and similar fashioners of precision objects. They come in a variety of flat, round and triangular shapes. They are usually pointed and always have a delicate curve toward the point which makes them particular-
 ly useful for working in tight and curvy spots. We have a set of (10) in an attractive red plastic case.

## 10955 Riffler Files (Set 10) \$10.50/ each

Buy 2 or More!
\$9.00/ each

## It's a HammerHead...

No not the shark. Mini 6-3/8" Tolsen Tools Claw hammer. Gets in the spaces the bigger hammers don't like to go into to. At only 8 ounces it's drop forged head has been heat treated and ground polished. Fiberglass handle is easy on the hands. Quality tool.


## 93434 Stubby Claw Hammer \$7.75/ each

## Octotool

The 8-in-1 screwdriver/flashlight combo from iZoom ${ }^{\circledR}$ features un-lose-able drivers. Includes slotted 1/8", 3/16", 1/4", Phillips \#0, \#1, \#2, plus mini-slotted and Phillips, all on hinges at the bottom of the light. Swing them up and they snap in place with the light as a handle. The light/handle has (6) cool-white LEDs shining at 100 lumens. The whole shebang measures $5^{\prime \prime}$ long $\times 1$ $3 / 4^{\prime \prime}$ dia. and requires 3 "AAA' batteries which are included.

## 97215 Octo-Driver Tool <br> \$6.75/ each



## Soft Jaws

Stop wrapping duct tape around your vise, and protect delicate material the right way with this pair of hard-rubber, ribbed pads made to cover the jaws. The pads have (2) rare earth magnets embedded inside the rubber. Made for a $4^{\prime \prime}$ vise, they measure $4^{\prime \prime}$ long $\times 1-1 / 8^{\prime \prime}$ high $\times 3 / 8^{\prime \prime}$ thick with a lip along one long side. The rubber is $3 / 32$ " thick.

## 37275 Rubber Vise Pads $\$ 12.50 /$ each Buy 2 or More! <br> \$9.00/ each

## Small But Bitey

Our smallest vise, and arguably our handiest around the house: call it the Jaws of Aluminum. Clamp this small table vise onto a surface up to 3/4" thick and let it be your third hand. The jaws are 1-1/2" wide and open to a maximum of $1-1 / 4^{\prime \prime}$.


## 94243 Aluminum Table Vise $\$ 9.25 /$ each

## For Great Brush-Offs

You don't even have to be rude about it because this is a set of (3) small cleaning brushes for removing rust, paint, grime and schmutz in general. They're 7" long with plastic handles with 45 -degree offset heads. You'll get (1) each with stainless steel, brass and stiff nylon bristles. The brush area is $1-1 / 2^{\prime \prime} \times 1 / 4^{\prime \prime}$ on all of them.
96566 Wire Brushes
\$3.25/ each

## A Tool To Help You Cope

It's a classic-style coping saw with a throat depth of 4-3/4". When you hold it upright, it looks like a capital " P ". At another angle, it looks kind of like the big dipper, but with a straight, fist-length, plastic/grippy rubber handle. Comes with
(5) blades-(2) medium for any woods, (1) fine for hard woods and (2) extra-fine for soft woods-each with approx $5^{\prime \prime}$ of exposed teeth. Handle swivels to custom-twist the flexible blades, and of course it comes with a blade guard. A nice piece from Smithline ${ }^{\mathrm{mm}}$.

## 50876 4-3/ 4" Coping Saw \$9.50/ each

## Multitool Fashion Show...

If there were runway fashion shows for multitools, this $15-\mathrm{in}-1$ from Tolsen Tools would be a supermodel. Since it's Tolsen, you know that it also backs up the alluring looks with performance. Aluminum frame dazzles in striking, metallic, golden-orange, and measures 4 " long $\times 7 / 8^{\prime \prime}$ thick $\times 1-1 / 8$ " tall. Has
 a $2-1 / 8^{\prime \prime}$ knife, $2-1 / 2^{\prime \prime}$ saw, fish scaler with hook remover, scissors, slotted screwdriver, bottle opener, key ring loop, corkscrew, leather needle, nail file with nail cleaner, Phillips screwdriver, leather punch and can opener. Handy ergonomic design and easy-to-grip patterning make it a joy to hold and use.
97865 Tolsen ${ }^{\circledR}$ 15-in-1 Tool \$11.50/ each

## This Is The End (Cutter)

Everything from Tolsen Tools is solid, and that includes this 8 " long end cutting pincer tool with $1-3 / 16^{\prime \prime}$ jaws. It's made of chrome vanadium steel, and you should get one for that reason alone. Not to mention the soft and grippy rubber-coated handles. Damn, we love quality tools.

## 97260 Tolsen End Cutter <br> Buy 2 or More!

## Tap/Die Set

Small, but mighty useful if you need a tiny tap and die set for threading wire or stripped screws. The micro set has a $3-1 / 4^{\prime \prime}$
 long die plate and 14 taps (sizes 7 through 20 -- read 0.7 mm through 2.0 mm ), and a mighty attractive price. A little oily in its vinyl storage pouch -- but it's all steel, after all, and has to safeguard its complexion.

## 92197 Micro Tap/ Die Set \$22.95/ each

## Good Tweezers

This set of (6) tweezers is as useful as it looks daunting. The (6) stainless steel tweezers vary in size from 4-1/2" up to 7". Two of the tweezers have serated tips one is inverse, one has a slide latch and the others are straight flat tip. The set comes in a clear front plastic carrying case.
 Good for model cars, planes or hard to reach splinters.

## 88366 Stainless Tweezer Set\$7.50/ each

Buy 2 or More!
\$6.00/ each

## Where's The Wrist Of Them Screws?

If you've put together DIY furniture without losing a vital screw, you're a better person than we are. Keep the loose bits on hand, er, wrist, with this magnetic tool wristband. Fasten the tapered polyester band around your wrist with the hook'n'loop strip, then stick nails, bolts and such to the twin magnetic plates and they'll stay there until you're done swearing. Two
 pockets measure $1-5 / 8^{\prime \prime} \times 1-5 / 8^{\prime \prime}$ each, and an elastic band $2-3 / 4^{\prime \prime}$ long and $7 / 8^{\prime \prime}$ wide to hold non-metal stuff.

## 50569 Magnetic Wristband <br> \$7.95/ each <br> Buy 2 or More! <br> \$6.00/ each

## Magnetic Widget Keeper

Hang on to your widgets, screws, bolts, pins and assorted teeny tinies while you're taking things apart. This indispensable 6" dia x 1-1/8" deep magnetic stainless steel dish from Omaha Tools holds all those parts and saves you from crawling around on the floor later, when you're putting things back together.


## 18366 6" Magnetic Steel Dish \$5.95/ each

## Digital Calipers

Electronics. The best thing that ever happened to calipers. Save your eyesight and measure accurate outside and inside dimensions with this digital instrument. Powered by an included button-cell battery, it measures up to 6 inches in .001 increments or 155 millimeters in .01 increments. Hardened stainless steel, $9-1 / 4^{\prime \prime} \times 3^{\prime \prime}$ OA, with a locking vernier, it comes with a nice sturdy storage case and extra battery.

## 93237 Digital Calipers

\$19.95/ each

## It Isn’t Envious, It's Green

Where's the dang flashlight when you need WEM! it! This classic, all-aluminum, (9)-LED flashlight with a green body, measures 4" long x 1 $1 / 4^{\prime \prime}$ dia and is gasketed. Has a rubber, on/ off push button, and takes 3 "AAA" batteries. It's not crazy bright, but it'll last for hours. The main thing is, the body is a very visible and pleasant green, so you'll always remember where it is. Great for the junk drawer, nightstand, glove compartment, purse, toolbox, trunk, camper, boat, garage, basement and under-thecovers reading. It's the perfect little light.

## 50932 Lil' LED Flashlight

\$3.95/ each

## Carpenters Gotta Write

It's not all swinging hammers and sawing wood for carpenters. They do a lot of measuring and marking, which is why they have their own style of pencil. Ours has a built-in, removable sharpener hidden in the top and (2) kinds of lead (2B and yellow), allowing for clear marks on light or dark surfaces. Body is orange, with a pocket clip. You'll also get a total of (6) refills in a slim, see-through storage case.


97718 Mech. Carpenter Pencil \$8.50/ each

## Penstyluslevelrulerdriver

It's a ninefer. This 6 " long $\times 1 / 2^{\prime \prime}$ hex ball-point pen has a rubber stylus at the other end, which unscrews to reveal a tiny driver with both small Phillips and regular heads, while the shaft has a little bubble level and (4) rulers: $0-4^{\prime \prime} \times 1 / 16^{\prime \prime} ; 0-10 \mathrm{~cm} \times 1 \mathrm{~mm}$; and both $1 / 200 \mathrm{~mm}$ and $1 / 300 \mathrm{~mm}$ rulers. The ninth part is our name on the side, so you remember where the coolest stuff comes from. Plus it's in the ruler shade of yellow, with a pocket clip. Need more ink? Our refill pack is a set of (2) black and (2) blue cartridges. Just pull out the silver knurled tip of the pen to screw in a new ink cartridge and your Great American Novel will be finished in no time

## 96537 AS\&S Nine-Way Tool \$7.50/ each 96875 Pen refills <br> \$3.95/ pkg(4)

## To Walk With Tools

There was a day when you just slid your hammer inside the belt that held up your pants. Those were the days before you got serious about tools. We know-we've been there. Now you (and we) need a serious tool apron. Ours is made of heavy-duty canvas, in worker's tan, 19-1/2" wide x 10-1/2" tall with (4) front pockets that are about 8 " wide and either 5 " or $7-1 / 2^{\prime \prime}$ deep. Also has (2) front slots for marking devices or slim
 tools. Strap is $1-1 / 2^{\prime \prime}$ wide with a molle buckle in back, a canvas loop (for that hammer of yours), a metal tape measure clip and fits waists 30"-54".
97690 Canvas Work Apron \$23.00/ each

## Inspecting Gadget

A $2-1 / 2^{\prime \prime} \times 1-5 / 8^{\prime \prime}$ plasticframed mirror swivels on a ball-joint mount at the end of telescoping handle that stores at $8^{\prime \prime}$ long and extends to 31 ". The contoured rubber-coated handle makes those double-shift inspection days a little easier.

## 95103 Inspection Mirror \$4.95/ each



## Steel, These Rulers

Our each is a package of (2) steel tech rulers. One is $6^{\prime \prime}$ $x 1 / 32^{\prime \prime}$ for the first $2-1 / 2^{\prime \prime}$ then $1 / 64$ " for the next $1 / 2^{\prime \prime}$ then $1 / 16^{\prime \prime}$ for the last $3^{\prime \prime}$. The other is $150 \mathrm{~mm} \times 0.5 \mathrm{~mm}$. Both have sliding markers/pocket clips, and both have mm : inch tables on the reverse side. You'll need excellent eyesight.
95958
\$3.95/ each
\$3.00/ each

## Liquid Velcro®

Not just hooking-and-looping anymore, Velcro® brand now makes adhesive for plastics. Our each is a 1 -oz tube for porous and non-porous material, s including PVC, plastics, rubber and leather. Permanent and fast-drying, they say.


## 48699 Velcro Glue

## \$3.75/ each

## Restraint...

Rubber-headed spring clamps hold objects (up to appx $1 / 4^{\prime \prime}$ thick) in a firm grip but won't hurt them. A two position thumb latch locks the 3" long U-shaped clamp closed on thicker and thinner stuff. Originally intended for holding objects together while glue cures, they can just as easily be used to hang something loopless, think corrugated signage, pegboard sheets, or halloween displays.

## 90199 Locking U Clamps <br> \$3.95/ pkg(2)

## Krazy® Bonding

If you're old enough to remember the construction worker held in mid-air by a single drop of Krazy ${ }^{\circledR}$ Glue applied to his hardhat and stuck to an I-beam, you know just how miraculous this stuff is. If you're not old enough, you're young enough to Google® it. He probably got fired for tampering with PPE, but this
 instant glue still powerfully bonds wood, metal, ceramics, pottery, rubber, vinyl, leather and plastic. The stay-fresh container contains (2) grams and a onedrop tube applicator. Keep away from eyes, skin and kids.

> | 50382 | Krazy ® Glue | $\$ 3.75 /$ each |
| :--- | :--- | :--- |
|  | Buy 3 or More! | $\$ 3.00 /$ each |

## Standing Reverse Tweezer

Sounds like an Olympic fig-ure-skating move, the standing, self-closing reverse tweezer, but it's really a tweezer that's closed until you squeeze it. It also has a frame to hold it up off a work surface, so it doubles as a vice. Ours have wooden grips and measure 6-3/8" long with $2-7 / 8^{\prime \prime}$ serrated jaws and a $2^{\prime \prime} \times 1-1 / 2^{\prime \prime}$ stand.

## 94726 Reverese Tweezer <br> \$2.95/ each

## Don't Call It Crazy...

Ahh, what the heck, go crazy and call it whatever you want. It's a (3)-pack of all-purpose contact cement glue in large tubes that hold just under (1) oz each. That's a lot of very powerful glue.
 You could repair shoes, furniture, toys and appliances made of wood, rubber, metal, glass, leather, plastic or cork and still have some left over. A light coating from these self-piercing tubes is usually all it takes. Advanced formula dries clear and bonds fast. Package says to wait 15 minutes, but we'd wait a little longer just to be sure.

## Tear-Proof Tape

This is the stuff that won't rip, split or tear, not even if you bite it, and you're going to need a knife to open that package, bunky. It's so strong it's even hard to cut with the serrated blade on the included dispenser!
 Our each is (30) feet of $1-7 / 8^{\prime \prime}$ wide reinforced, filament packing tape in the afore-mentioned dispenser. Keep some around the house or in the garage.

## 97074 Filament Tape

\$2.25/ each

## Carton Tape

Our tape is clear, $2^{\prime \prime}$ wide, 55 yards long and on a $3^{\prime \prime}$ core. It can be used for sealing cartons or as a protective covering over labels. Very sticky, high-quality tape. Compare the savings -- even discount stationery store catalogs can't come near our prices.


## 3994 Clear Tape, 55 Yds \$4.95/ pkg(3)

## Wait, Wide White Tape?

Yes, this tape is both white and wide-like TEW! Siberia, but much warmer and infinitely stickier. It's 3M 3903 white vinyl duct tape, and it'll change the way you think (and tape). Equipped with hightack, instant-stick adhesive, the tape has a shiny surface, resists moisture and handles temperatures up to 250 F for an hour, which is way longer than you could. Strong, too, with a 14 - lb test rating. Made in USA.
50729 XL White Duct Tape $\$ 10.95$ / each

## Gafferesque Tape

Need to gaff? This is not technically gaffers' tape because it has no cloth backing, but it has very similar adhesion and tearabilityness, so it'll do for pretty much all your gaffing-like needs. Gray vinyl, 1-7/8" wide x .004" on a
 50 -yard roll. Just a good, solid, versatile roll of tape.

## 47144 Near-Gaffers' Tape \$4.75/ each

## Floor Tape

As handy and amazing as this stuff is, it's not really for fixing torn floors. This 2-1/2" Sollol wide Non-Slip Rug Grip Tape is to hold your rug to the floor-so it
 doesn't buckle or slide when someone walks on it. Has a sort of fiber/mesh design and it's tackier than a Reno wedding chapel gift shop. The manufacturer suggests changing the tape every 30 days, but your mileage may vary based on how many sprinting pets and stampeding children you have. You'll get a 23 -foot roll, which you can use on anything that needs stickiness on both sides.

## 50375 Rug Grip Tape

$\$ 8.50 /$ each
Buy 2 or More!
\$7.50/ each

## Hobby Drill

A really cool mini drill set for your mini projects! The $71 / 4^{\prime \prime}$ long aluminum push drill for delicate work comes with (1) $1 / 16^{\prime \prime}$ and (1) $1 / 32$ " collet, and (20) bits that fit them. The bits are \#61 through \#80, some so needle-thin they could add tear ducts to a fashion doll. They come in a mini case
 marked with the number and size of each bit in mils.

## 92548 Push Drill Set \$14.95/ each <br> Yell For Yellow Brushes! <br> We want a (3)-piece set of yellow brushes! Well, you got it. These soft-bristle drill brushes are from Tolsen Tools, so you know we're talking about two things: reliable high quality and unmistakable yellow and black, Tolsen's signature <br> 

 colors. You'll get: a 4" disc with 1" bristles; a 2" disc with 1$1 / 4^{\prime \prime}$ bristles; and a $3-1 / 2^{\prime \prime}$ cone, which is great for tire rims. All have a $1 / 4^{\prime \prime}$ shank and fit most drills. We love this set.97822 Tolsen Drill Brushes \$14.95/ each


## Handiest Hobby Helper

A great hand held rotary tool and an excellent buy. The plastic carrying case at $12^{\prime \prime} \times 8-1 / 2^{\prime \prime} \times 3-1 / 2^{\prime \prime}$ contains not only the 120VAC-powered variable speed (8,000-30,000 rpm) mini drill/grinder, but a 3 -ft flexible extension shaft that allows you to operate in even the tightest spots and a good assortment of bits, grinding stones, cut-off wheels, etc, including collets to fit $1 / 8^{\prime \prime}$ and $1 / 16^{\prime \prime}$ bits. UL listed, just like the big boys.

## 96406 Flex Shaft Rotary Tool \$48.95/ each

## Diamonds In Your Pocket

Life will never be dull again if you carry this pocket-sized diamond knife and scissors sharpener. Comes with (3) $2^{\prime \prime}$ long diamond encrusted rods, (1) fine and (2) coarse. The $1-15 / 16^{\prime \prime} \times 2-3 / 8^{\prime \prime} \times 5 / 8^{\prime \prime}$ holder is also a frame with slots that hold
 the rods at the correct blade-sharpening angle. Even though it's made as a pocket tool, with a short keychain, it would abrade its way right out of any pocket. We recommend you just hang it above your workbench.

## 94351 Diamond Sharpener \$3.85/ each

## Sturdy Scissors

These compact scissors from Tolsen Tools are technically Electrician's Scissors, designed for the telecom and electrical applications. That means cutting through your stuff is a snap. Scissors are 5-1/2" long overall,
 and their $2^{\prime \prime}$ long stainless steel blades are serrated to grip cables and wires. But a copywriter just used them to slice through thick cardboard like it was butter. Big, round finger grips are comfortable, too.

[^6]
## Wire-Gauge Drills \& Chuck

When you need to drill itsy-bitsy teeny-weeny little-bitty small holes, break out this 20-piece set of wire-gauge drills in diameters from .012" to .037". No, they won't work in a standard collet, but we'll send a micro-chuck with a 1/8" shank along with the drill set. We think of everything!

## 94474 Micro Drills \& Chuck \$9.25/ each

## Micro Chuck

A really small guy who lives....Whoops! Wrong Chuck. This one is a drill or rotary tool chuck with a $1 / 8$ " shank and fits bit sizes \#60\#80 to facilitate handling tools with truly small shanks. Very handy in the modeling and electronics worlds.
89759 Micro Chuck
\$4.25/ each

## Micro Bits

And we do mean micro. Sizes \#61 to \#80 (yes, that is twenty different bits) which are from 0.013 to 0.038 inches diameter!! The big boys sell a set of
 similar bits (carbon steel, like ours) for about $\$ 30.00$ !!
89087 Wire-Guage Bits
\$8.50/ each

## Krazy Like a Foks

They call it the "Krazy Cutter" and it's going to make your life a whole bunch easier. It's a little $2-3 / 8^{\prime \prime}$ long $\times 3 / 16^{\prime \prime}$ thick teardrop-shaped paper slicer with a teensy rust- and dull-
 ness-proof ceramic blade that magically cuts through paper and plastic. Perfect for clipping newsprint, cutting wrapping paper, and opening deviously sealed packaging, including the heavy stuff if you press a bit. The krazy part? Won't cut your fingers or anything else. You could run it right over your hand, press down and everything, and nothing. Really. We tried it on some expendable employees. You know what this means? You can even take it on airplanes!

## 92855 Ceramic Krazy Cutter \$5.95/ each <br> Buy 2 or More! <br> \$5.00/ each

## Micro or Myrco?

Mycro, Micro-potato, potahto. They-they being True ${ }^{\circledR}$-call this diminutive gadget a Mycro ${ }^{\mathrm{Tm}}$ Knife Sharpener, and we can only assume it's because the thing is tiny. Measures $2^{\prime \prime} \times 1^{\prime \prime} \times 9 / 32^{\prime \prime}$ (about the size of a key fob) and weighs only 0.32 oz , but can sharpen almost any dull knife with a few quick strokes. The tungsten carbide side reshapes a dull blade, and the ceramic side hones it to a sharp edge. Anodized aluminum body has a nice rubber grip for a secure hold when you're sharpening. Ideal for camping, hiking, EDC, "go" bags and general knife maintenance at home. Comes with a little rubber band looped into its keychain hole. An extremely cool gift that seems way more expensive than it is.
98035 Mycro $^{\text {Tm }}$ Sharpener $\$ 11.95 /$ each

## If Verdi Had Been A Jeweler...

The Anvil Chorus would have been much quieter. Play your own chorus on this excellent forged jeweler's anvil, which is much smaller than the ones in cartoons. In heavy polished steel, it measures approx 4-1/4"
 $\times 1-3 / 4^{\prime \prime} \times 1-1 / 8^{\prime \prime}$ with a $2-1 / 4^{\prime \prime} \times 1-1 / 4^{\prime \prime}$ flat working surface for chasing, bending corners and flattening wire to harden it, plus (1) round horn and (1) flat horn with a hole for riveting and beading. Essential for making flattened hook-and-eye clasps with craft wires. Also, a must for teeny-tiny blacksmiths.

## 97342 Mini J eweler's Anvil \$23.50/ each

Pencil Torch
Refillable butane torch, with a 1/2" dia x 5-3/4" body and a 1/4" dia. x 2-1/4" long head. Strong enough to melt solder, silver and gold solder, glass tubing and such metals as gold, silver, copper, tin, and aluminum. Equally handy around the hobby shop, jewelry bench, or lab. Refills from standard butane lighter canister.

## 22490 Butane Pencil Torch <br> \$5.50/ each <br> Buy 2 or More! <br> \$4.50/ each

## Diamond Hole Saws Are Forever

The last set of hole saws you'll ever need. This 10 -piece set of dia-mond-encrusted core drill bits comes in a wooden presentation case (Hey, they've got diamonds on them!) and includes 1/4", 3/8", 1/2", 3/4", 1", 1-1/4", 1-3/8", 11/2", 2", and 2-3/8" dia. Shanks are 1/4" except the (2) largest, which are $3 / 8^{\prime \prime}$, and all the bits are slotted to blow out
 dust. Designed for cutting glass, ceramics, porcelain, ceramic and porcelain tile, limestone, slate, marble, granite, stone, fiberglass and other tough stuff. Don't forget to add water (not included) for lubrication.

## 93244 Boxed Hole Saws \$59.95/ each

## Son Of A Drill Press

This mini version has all of the big guy's abilities on a slightly reduced scale. The bench-top drill press measures approx $15^{\prime \prime}$ tall overall on a $6-1 / 2^{\prime \prime} \times 9^{\prime \prime} \times 1^{\prime \prime}$ cast-iron base with a $1-5 / 16^{\prime \prime}$ dia $\times 11-5 / 8$ " tall column. Max working distance is approx $6^{\prime \prime}$. Chuck opens to $5 / 16^{\prime \prime}$, throw is $3 / 4$ ". It's 120VAC, and has (3) speed ranges, up to $5000,6,500$, and 8000 rpm. Includes (2) Allen wrenches, chuck key, and, believe it or not, an instruction
 booklet that is easy to understand.
93984 Mini Drill Press
\$89.95/ each

## Engrave Me...

..my sweet engravable you. Safeguard your stuff with this little battery-powered engraving pen. The $1 / 16^{\prime \prime}$ dia head vibrates to let you inscribe your ID on stuff that might otherwise wander off. Surprisingly effective for a lightweight tool.
 Measures approx $6^{\prime \prime}$ long $\times 1^{\prime \prime}$ dia and works on metal, wood, glass, plastic, leather and more. Runs on (2) included "AA" batteries.
95608 Engraving Pen \$4.95/ each

## These Burs Aren't Neutral

This (20)-piece set of assorted Swiss burs was born to fight, and they're just waiting for the chance. Made of tungsten CRV HS steel with 3/32" shanks, these burs are what you want on the front line of your crafting and hobbying program. For engraving soft metal, wood, fiberglass and plastic.
 They won't stop until the war is won, or the message is completely engraved. Then they'll fight again another day, Treaty of Paris be damned!

51071 Swiss Bur Set \$8.50/ each

## 14-In-1 Pliers

That's a lot in one, right? These multipurpose pliers from Tolsen Tools have a needle nose tip with a standard opening and grips on the inside, plus wire cutters at the
 bottom. Other tools fold out of the $4^{\prime \prime}$ handles when the pliers are closed, including: a small knife, (3) screwdrivers with different heads, a bottle opener, fish scaler, hook remover, ruler, file, can opener and a saw. Also come with a nice little case.

## 97539 Tolsen Multi-Pliers \$16.50/ each

## Might As Well Be Magic

Yes, there's a scientific explanation, but we prefer to think this magnetizing/demagnetizing tool relies on magic. Stick a screwdriver head in the bottom, it's magnetized. Stick it in the top, it's
 demagnetized. Fun for the whole family. Measures $2^{\prime \prime}$ square $\times 1-1 / 4^{\prime \prime}$ with stair-step ports for blades of different sizes. Never drop a screw again.

| $\mathbf{9 7 0 8 9}$ Mag/ Demag Tool | $\$ 4.25 /$ each |  |
| ---: | :--- | :--- |
|  | Buy 2 or More! | $\$ 3.50 /$ each |

Buy 2 or More! \$3.50/ each

## The Penny Cutters

These are the so-called miracle shears. They were designed for use by paramedics needing quickly to cut tough stuff that might stand between them and their quarry. They are normally demonstrated cutting a penny in two. Which they will do
 They are good for their purpose, and real handy to have in the old tool box.
6389 Utility Shears
\$2.50/ each
Buy 2 or More!
\$2.00/ each
 AMERICAN
SCIENCE \& SURPLUS P.O. Box 1030 - Skokie, Illinois 60076


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[^0]:    97258 5VDC Laser Diode \$6.75/ pkg(5)
    Best-Seller Bonus! \$5.00/ pkg(5)

[^1]:    50242 I ndustrial Model Kit \$14.50/ each JUNE BOOM!
    \$10.00/ each

[^2]:    88217 Blue Litmus Paper \$3.50/ pkg(2)
    88218 Red Litmus Paper \$3.50/pkg(2)
    88219 PH Test Paper
    \$3.25/ each

[^3]:    04585 \#320 Assortment
    \$6.75/ each
    04588 \#707 Assortment

[^4]:    47139 7'x 5' Blue Tarp
    \$3.95/ each
    Buy 3 or More!
    \$3.40/ each

[^5]:    95385 95 CFM 4.75" Fan
    \$14.95/ each 95386 198 CFM 6.75" Fan \$24.85/ each

[^6]:    97357 Electrician's Scissors \$8.75/ each Buy 2 or More!

