Science, Technology & Learning Kits and Education Programs Price List (Ages 5, 6 & 7)

Scientifics Direct: Science, Technology & Learning Kits and Education Programs Price List



Giant Bubble Mega Loop Creator





• Extra Mega Loop bubble solution available (# 3157383)

wand and dipping pool



Capture Your Friends Inside Colossal Bubbles!

Get inside the fun and experience gigantic bubbles like never before with the unique MegaLoop dipping pool! Fill the base with our special supersecret bubble concentrate. Invite a friend to step inside the circle pool. Now raise the over-sized MegaLoop wand straight up and pull a gigantic bubble directly over your pal! It's amazing! You'll also create monster bubbles that can stretch and dance beautifully through the air at amazing lengths.

Each kit includes one MEGALOOP (23" dia.) wand, an inflatable bubble pool, and enough Mega Bubble Refill (16 oz) to make 68 oz (2 liters) of bubble liquid.

For ages 6+.

Extra Mega Loop bubble solution available (# 3157383)

More Information	
Price Range	\$50 - \$75
Age Range	6 And Up

Andy: The Code and Play Robot



Item #3157688

\$54.95

Quantity: 1 Add to Cart

Available for Add to Cart + Giftwrap

Order Now and your item will be shipped out Monday

- · Help your child learn to code with hands on experience
- Input up to 30 commands using buttons on top of Andy's head
- Play games using the included cards



New Friend or Introductory Coding Tool? You Decide

Give your child the tools to learn coding at a young age. Andy offers your little one the opportunity to begin coding by using the large, intuitive buttons located on top of its head. Shaped like arrows, it's easy to understand what you're instructing Andy to do.

Whether your child is programming up to 30 movements or directly telling this robot what to do, they'll have fun learning and playing with Andy. Especially once they get a hang of the controls. Help Andy find its 27 friends through programming Andy's path. Or, they can make Andy perform a dance and play music.

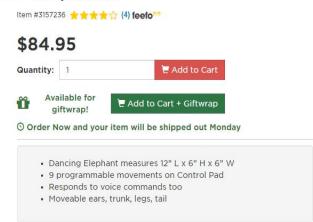
Plus, there's bonus information in the instruction manual. In addition to helping you and your child learn how to use Andy, the manual includes information about real robots and their functions.

Includes 10 pieces and 12-page, full-color instructional manual. Requires batteries. For ages 4+.

More Information	
Price Range	\$50 - \$75
Age Range	3 And Up
Age Range	5 And Up

Codo the Programmable Robot Elephant







Ladies & Gentlemen & Tech Geeks of ALL Ages....

Prepare to be amazed by our incredible, interactive robotic Elephant!
Using the easy-to-use control pad, Codo the Elephant will perform 9
different tricks: Push Ups, Hand Stands, Dance Moves, Sit Down, Lay on
Belly, Say Hello, Move Trunk, Advance, and Play Ring Toss Games! But waitthere's more! With moveable ears, trunk, legs and tail, he'll respond to 7
voice commands too: Sing a Song, Sit Down and more! Features 3 preprogrammed dance routines set to music.

Measures 12" x 6" x 6". USB rechargeable battery included. Controller requires 2 AAA batteries (not included). No smartphone or computer required! For ages 3-103.

More Information	
Price Range	\$75 - \$100
Age Range	5 And Up

Halfpipe the Shredding Skater Robot



\$14.95

Quantity: 1 Add to Cart

Available for giftwrap! Add to Cart + Giftwrap

Order Now and your item will be shipped out Monday

Build a robot out of junkyard pieces
Watch it move in a unique and wacky way
Get the other ReBotz and mix and match the pieces

(Hover over image to zoom in)





Next >

Ready to Shred!

A few clicks and Halfpipe is ready to cruise through your room on its skateboard base, using an umbrella and broom to propel itself forward. Demonstrates wheels, cams, and motors in action. Includes 13 parts and a 16-page illustrated manual. For ages 6+.

About ReBoltz Rebooted Robots Series

One of a squad of four lovable robot pals that springs into action from a heap of junkyard parts. Quickly piece together a motorized model of each ReBot from a set of easy-to-assemble parts. Then, switch them on and watch how each robot moves in a unique and wacky way. Collect all four kits and mix up the interchangeable parts to make your own rebooted robotic creations. These science-fiction models provide an opportunity for some real science lessons. Conduct experiments with the different simple machines and mechanisms that make the robots move, including cams, springs, sliders, cranks, motors, wheels, and levers.

More Information		
Age Range	5 And Up	
Price Range	\$10-\$25	

Knox the Wacky Walking Robot

Item #3157425

\$14.95

- · Build a robot out of junkyard pieces
- · Watch it move in a unique and wacky way

Order Now and your item will be shipped out Monday

· Get the other ReBotz and mix and match the pieces





A Knock, Knock, Knocking on Wooden Floors...

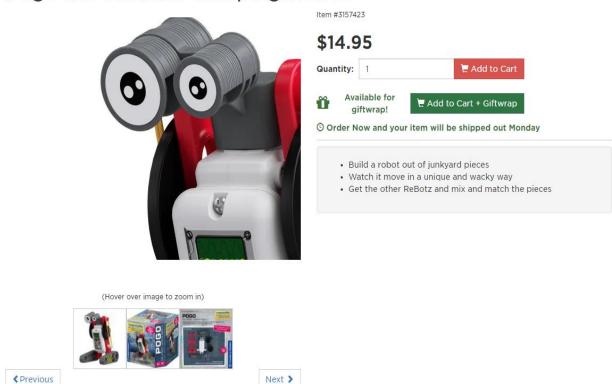
This speed-walking ReBot is pieced together from a tennis racket, hammer, and the rear wheels of a tricycle. Demonstrates wheels, slider cranks, and motors in action. Includes 13 parts and a 16-page illustrated manual. For ages 6+.

About ReBoltz Rebooted Robots Series

One of a squad of four lovable robot pals that springs into action from a heap of junkyard parts. Quickly piece together a motorized model of each ReBot from a set of easy-to-assemble parts. Then, switch them on and watch how each robot moves in a unique and wacky way. Collect all four kits and mix up the interchangeable parts to make your own rebooted robotic creations. These science-fiction models provide an opportunity for some real science lessons. Conduct experiments with the different simple machines and mechanisms that make the robots move, including cams, springs, sliders, cranks, motors, wheels, and levers.

More Information	
Age Range	5 And Up
Price Range	\$10-\$25
Age Range	6 And Up

Pogo the Jammin' Jumping Robot



Spring into Action!

This jumping robot is made from the tracks of an old snowmobile, a waffle iron, and some rubber bands. Demonstrates cams, springs, and motors in action. Includes 12 pieces and a 16-page illustrated manual. For ages 6+.

About ReBoltz Rebooted Robots Series

One of a squad of four lovable robot pals that springs into action from a heap of junkyard parts. Quickly piece together a motorized model of each ReBot from a set of easy-to-assemble parts. Then, switch them on and watch how each robot moves in a unique and wacky way. Collect all four kits and mix up the interchangeable parts to make your own rebooted robotic creations. These science-fiction models provide an opportunity for some real science lessons. Conduct experiments with the different simple machines and mechanisms that make the robots move, including cams, springs, sliders, cranks, motors, wheels, and levers.

More Information		
Age Range	5 And Up	
Price Range	\$10-\$25	

Scootz the Cranky Crawling Robot



Item #3157422

\$14.95

Quantity: 1 Add to Cart Available for Add to Cart + Giftwrap

Order Now and your item will be shipped out Monday

- · Build a robot out of junkyard pieces
- Watch it move in a unique and wacky way
- · Get the other ReBotz and mix and match the pieces

(Hover over image to zoom in)



⟨ Previous |

Description ☐ Videos ☆ Reviews

Next >

Robots Ahoy!

This crawling robot is cobbled together from two halves of an old pirate ship's wheel, and scoots along the floor on a repurposed iron and snow ski. Demonstrates cranks, cams, and motors in action. Includes 26 pieces and a 16-page illustrated manual. For ages 6+.

About ReBoltz Rebooted Robots Series

One of a squad of four lovable robot pals that springs into action from a heap of junkyard parts. Quickly piece together a motorized model of each ReBot from a set of easy-to-assemble parts. Then, switch them on and watch how each robot moves in a unique and wacky way. Collect all four kits and mix up the interchangeable parts to make your own rebooted robotic creations. These science-fiction models provide an opportunity for some real science lessons. Conduct experiments with the different simple machines and mechanisms that make the robots move, including cams, springs, sliders, cranks, motors, wheels, and levers.

More Information		
Price Range	\$10-\$25	
Age Range	6 And Up	

ReBotz Rebooted Robots Kit



(Hover over image to zoom in)

Previous

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Boot-n-Reboot Robots with Interchangeable Parts

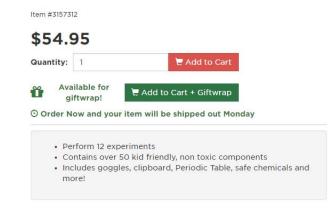
This squad of four lovable robot pals springs into action from a heap of junkyard parts. Quickly piece together a motorized model of each ReBot from a set of easy-to-assemble parts. Then, switch them on and watch how each robot moves in a unique and wacky way. Collect all four kits and mix up the interchangeable parts to make your own rebooted robotic creations.

These science-fiction models provide an opportunity for some real science lessons. Conduct experiments with the different simple machines and mechanisms that make the robots move, including cams, springs, sliders, cranks, motors, wheels, and levers. Each includes a 16-page illustrated manual. Ages 6+

More Information		
Price Range	\$50 - \$75	
Age Range	5 And Up	
Age Range	6 And Up	

Chemistry Lab Pad







Easy-to-Clean EVA Experiment Work Pad Included

Featuring a lightweight, eco-friendly and easy-to-clean EVA lad pad, this chemistry kit contains over 50 quality lab tools to safely perform 12 different experiments. Kid-friendly plastic test tubes, mixing bowl, eye droppers, safety goggles, Periodic Table, non-toxic chemical and dyes and much more are included as well as easy-to-understand illustrated instructions. For ages 5+.

Inc	111	de	c

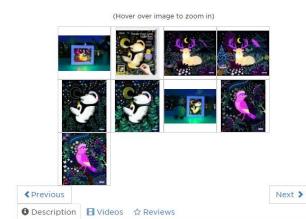
- · Periodic Table of Elements chart
- Test Tubes
- Beaker
- · Write & Wipe Note Pad w/ Dry Erase Marker
- Goggles
- · Petri Dishes
- Funnel
- Pipette
- Bowl
- Storage Containers
- · Safe Color Mixes
- · Safe Sodium Alginate Powder
- · Safe Calcium Chloride
- · Magic Crystal Mix
- Syringe
- Experiment Cards
- A Bonus Certificate of Excellence Award (Meant to be awarded upon completion of all experiments!)

More Information		
Price Range	\$50 - \$75	
Age Range	5 And Up	

Create Your OwnScratch Light Box







Design and Illuminate Your Own Night Light

Decorate and display your own nightlight with our light up shadow box.

Cooler than any coloring book, pick 1 of the 7 designs or the blank page and use the wooden pens to scratch off and reveal the color below. Add to the designs, making each page truly unique.

When you're done, place the completed design in the light box frame.

Make the frame from the package everything comes in. Place your design in the box, switch it on and look at the see the illuminated page in a whole new light.

More Information	
Price Range	\$25-\$50
Age Range	6 And Up

GIANT Energy Stick





Item #3157481 *** ** * (1) feefo***

\$14.95



Safely See Your Body Conduct Electricity!

Touch both ends of the GIANT 11.5" long energy stick to create a human energy circuit that activates a crazy light & sound show! Safe and easy to use, the sensing circuit is so sensitive that it detects even the very small amount of electricity that travels across your skin! You'll learn about conductivity and different types of circuits too. Can be activated by a either a single person or a large group holding hands! No batteries required. For ages 4+

More Information	
Age Range	5 And Up
Price Range	\$10-\$25

How Does it Work?

By touching both silver rings with your skin, you have turned your body into a circuit. When you touch both silver rings at the same time, tiny negative charges called electrons flow on your skin around your body from one end of the Giant Energy Stick® to the other. The flashing lights and buzzing sound are telling you that your body (your skin) is a conductor of electricity.

SoccerBot



\$64.95

Quantity: 1 Add to Cart

Available for giftwrap! Add to Cart + Giftwrap

Order Now and your item will be shipped out Monday

Take on your family and friends in an exciting RC soccer game
Use the remotes to dribble, drive, pass and kick as you try to score
Remotes store as backpacks on each bot

The World's Most Popular Sport on Your Table

Play the world's most popular sport in a new way as you take on your friends and family in this exciting, RC soccer game. Easily get the whole family involved as play to become the soccer superstar of the house.

With the green and blue bots as your players, use the remotes to dribble, drive, pass and kick as you try and get the ball into your opponent's goal post. Then celebrate each point with a victory dance.

The remote controls are intuitive and easy to use. Plus, they store easily like backpacks on each bot so you won't have to worry about losing one.

Have fun competing against your loved ones while learning the rules of soccer, practicing hand-eye coordination and enhancing your cause and effect understanding.

Each bot measures 4.5" x 2.2" x 4.8" and each net measures 8" x 4" x 5". The included playfield measures 39" x 21.5". Includes 2 RC SoccerBots, 2 remotes, 1 soccer ball, 2 goal nets, soccer field mat and 2 USB charging cords. Remotes require button cell batteries (included). For ages 6+.

More Inform	nation
Price Range	\$50 - \$75
Age Range	6 And Up

SpringBots







Assemble Toys that Spring into Action!

Build a motorized robot, race car, and countdown timer — all that run without any batteries or electrical power! The secret behind these fascinating machines is a power source called a mainspring — a spiral-shaped spring that stores up energy when wound up by hand, and then converts that stored energy back into motion when it discharges.

As you assemble these models one at a time from over 130 pieces, you will learn about the inner workings of spring-powered devices like wind-up toys and ticking mechanical clocks. Easy, snap-together assembly of 133 parts requires no glue. The kit includes step-by-step illustrated 64-page instruction manual.

For ages 6+.

More Inform	ation
Age Range	5 And Up
Price Range	\$25-\$50

Soaps & Scents



\$31.95 Quantity: 1 Add to Cart Available for Add to Cart + Giftwrap giftwrap! Order Now and your item will be shipped out Monday · Made in France · Medically tested and can be applied to even the most sensitive · Soap cools down within minutes

Item #3155210 *** ** * (1) feefo***

(Hover over image to zoom in)



Kids Will Love to Bathe with Soap They Create!

With this kit you will be able to make delightful, high-quality soaps using the included transparent glycerin. The base material melts within seconds in a microwave. When liquefied, a child can measure various perfumes and colors before pouring it into the mold. The soap cools down within minutes and take the shape of flowers, sea-shells, dolphins and more and can be easily removed from the mold. This product has been medically tested and can be applied to even the most sensitive skin. Made in France. For ages 8+.

Contents:

- 15.85 oz. of soap
- 10 molds to shape soap
- 3 cosmetic colorants (.2 fl oz. each)
- 5 pipettes
- 2 scents (.2 fl oz. each)
- Instructions
- Can be applied to even the most sensitive skin
- Made in France

More Inform	ation
Age Range	8 And Up
Price Range	\$25-\$50

Kardtects Lost Desert Set



Stands and instructions

Cuantity: 1 Available for giftwrap!

Order Now and your item will be shipped out Monday

- Set includes 108 sand stone building cards , 4 destroyer discs with cards, 8 card stands and instructions

- Desert design allows you to build ancient pyramids and architectural structures



Imagine, Build, Level, Repeat

Take the timeless art of card building to a whole new level with Kardtects. Kids engage in creating an ancient city of their own design and then demolishing it -only to re-imagine and re-build.it in new and creative ways. Set includes 108 sand stone building cards , 4 destroyer discs with cards, 8 card stands and instructions. For ages 6+.

- * Creativity. Imaginations are endless and Kardtects encourages this creative nature in each person.
- Originality. Kardtects Cards, Destroyers, & Disks are completely original. The timeless activity of card building, (and the knocking down) is achieving new levels.
- **Rewarding**. Getting back to basics and applying skills of hands on play is incredibly rewarding.
- Engaging. Kardtects engage in creating their constructions, and then in demolishing them. They can play Kardtects War in solo play or choose to challenge other players.

Contents:

Within the box are 100 exclusive Kardtects sand stone building cards with tan flipsides. The set includes 8 specialty building cards consisting of 2 pyramid or desert temple door cards, 2 guarding pharaoh cards, and 4 hieroglyphic pillar cards. Along with the 108 building cards are 4 collectible Kardtects Destroyer character cards with accompanying Disks. 10 card stands and 2 quick instruction sheets are also included.

More Informat	ion
Age Range	Teens
Subject	STEM
Price Range	\$10-\$25
·	

Beaker Creatures Super Lab



Item #3156494

\$24.95 **\$18.93**

Quantity: 1

Available for giftwrap!

Add to Cart + Giftwrap

Order Now and your item will be shipped out Monday

- Working lab set includes the equipment and instructions needed to perform amazing real-world science experiments
- · Trigger a colorful bubbling reaction to reveal one of 35 Beaker
- · Includes 2 Reactor Pods containing 1 mystery Beaker Creature in

Pod colors and creatures vary

Also available Beaker Creatures Super Lab + Pod 2 pk. (Item

(Hover over image to zoom in)





⊕ Description

☆ Reviews



A Colorful Bubbling Creature Reaction

Extract the 2 Beaker Creatures from their mysterious reactor pods with this 15-piece super lab. Drop the reactor pod into the chamber then pump in the reactor liquid using the two Hydroplungers. Watch as it triggers the amazing bubbling reaction to help in extracting your creature.

The working lab set also comes with the equipment and instructions needed to perform amazing real-world science experiments. For ages 5 +.

Pod colors and creatures vary.

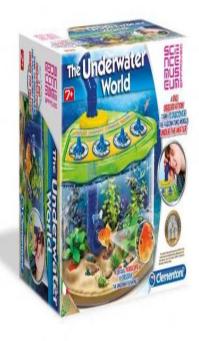


15 piece set includes:

- 2 reactor pods
- 1 lab base
- 2 hydroplugers
- 2 beakers
- 1 set of tongs
- 2 classification cards
- 2 mini-posters with facts
- 1 experiment guide
- -1 full size poster

More Information	
Age Range	5 And Up
Price Range	\$10-\$25

Underwater World



Item #3153970

\$59.95 **\$36.93**

Add to Cart Quantity: 1

Available for giftwrap!

Add to Cart + Giftwrap

Order Now and your item will be shipped out Monday

- Periscope allows you to examine your goldfish up close & personal
- Plastic tank measures 10" X 6.5" X 12"
- You supply the water and the fish

(Hover over image to zoom in)



Submerge Yourself in an Underwater Aquarium Via Periscope

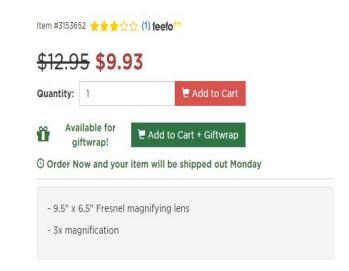
An observation tank that helps you better discover the fascinating world under the water! A special periscope enables you to observe your fresh water fish up-close (fish and fresh water plants are not included). This plastic kit features an easy tank emptying system and comes complete with colored gravel, water conditioner, LCD thermometer, net, magnifying glass, mirrors and more. and simulated under sea back drop. Some assembly required. Tank measures 10" X 6.5" X 12".

For ages 7+.

More Infor	mation
Age Range	5 And Up
Price Range	\$25-\$50

Super Scope









Don't Sweat the Small Stuff-Magnify it!

This light weight 9.5" x 6.5" Fresnel magnifying lens in a plastic frame (with fold down legs) gives you 3X magnification. The elevated base allows you to use it anywhere for super close-up viewing and comparisons. Also includes neck cord for hands-free viewing. For ages 5+.

Note: always store out of direct sunlight as magnifying lenses may cause fire if left out in open sunlight.

More Information	
Age Range	5 And Up
Price Range	Under \$10

Celestron 44113 Kids Microscope Kit with Telescope attachment



\$39.95 \$18.93

Quantity: 1 Add to Cart

Available for giftwrap! Add to Cart + Giftwrap

Order Now and your item will be shipped out Monday

- Eyepiece: 10x (non-removable). Objective size: Microscope: (3) 50x, 150x and 250x Telescope: 30 mm
- Magnification: Microscope: 50x, 150x, 250x, Telescope: 5x
- Optical System: Refractive (direct light)
- Illumination: Top and Bottom- LED illumination. Telescope attachment tube included
- Microscope kit includes 3 objective lenses, a prepared slide, 2 blank slides, 10 slide covers and tweezers



Science Optics Designed for Young Explorers

Observe plants, insects, and more by day then attach the telescope tube to view the Moon at night! This durable 22-piece kit is designed specifically to stimulate the imaginations of curious kids

- Eyepiece: 10x (non- removable). Objective size: Microscope: (3) 50x, 150x and 250x Telescope: 30 mm
- Magnification: Microscope: 50x, 150x, 250x, Telescope: 5x
- · Optical System: Refractive (direct light)
- · Illumination: Top and Bottom- LED illumination. Telescope attachment tube included.
- Microscope kit includes 3 objective lenses, a prepared slide, 2 blank slides, 10 slide covers and tweezers.

More Inf	formation
Age Range	5 And Up
Subject	Microscopes
Price Range	\$10-\$25

Maker Studio: Winches Set



(Hover over image to zoom in)

Item #3155497

\$19.95 **\$13.93**

Quantity: 1 Add to Cart

Available for giftwrap!

Add to Cart + Giftwrap

Order Now and your item will be shipped out Monday

- Turn your trash into usable toys & models
- A set of 10 challenges encourages you to problem solve like a true engineer
- Includes 50 pieces and instructions
- Part of a series of kits (see below)

⊕ Description
 ☆ Reviews

Re-Purpose Recyclables with this Free-Form Construction Kit

With this winch-focused DIY kit, you'll have fun turning things from your home recycle bin into a tow truck, a jeep, a well, and a crane. Step-by-step instructions make it easy to start building right away. A set of 10 challenges encourages you to problem solve like a true engineer. Includes 50 pieces and instructions.

For ages 7+.

Also available:

Maker Studio: Gears (item# 3155496)

Maker Studio: Propellers (item# 3155498)

More Information	
Age Range	5 And Up
Subject	Physics
Subject	STEM
Price Range	\$10-\$25

Maker Studio: Propellers Set



(Hover over image to zoom in)

Item #3155498

\$19.95 **\$13.93**

🖫 Add to Cart Quantity: 1

Available for giftwrap!

Add to Cart + Giftwrap

Order Now and your item will be shipped out Monday

- Turn your trash into usable toys & models
- A set of 10 challenges encourages you to problem solve like a true engineer
- Includes 50 pieces and instructions
- Part of a series of kits (see below)

Description
 ☆ Reviews

Re-Purpose Recyclables with this Free-Form Construction Kit

With this propeller-focused DIY kit, you'll have fun turning things from your home recycle bin into a chopper, a bi-plane, a windmill, and a plane. Stepby-step instructions make it easy to start building right away. A set of 10 challenges encourages you to problem solve like a true engineer. Includes 50 pieces and instructions.

For ages 7+.

Also available:

Maker Studio: Gears (item# 3155496)

Maker Studio: Winches (item# 3155496)

More Information	
Age Range	5 And Up
Subject	Physics
Subject	STEM
Price Range	\$10-\$25

My Little Sports Medicine Kit



Item #3156234

\$49.95 \$34.93

🖫 Add to Cart Quantity: 1

Available for giftwrap!

Add to Cart + Giftwrap

Order Now and your item will be shipped out Monday

- · Great introduction to sports medicine for kids 6 and up
- · Kit promotes social development, teamwork, creativity and problem-solving skills
- · Includes ace bandage, ice pack face mask, gloves, white coat and much more

(Hover over image to zoom in)



Explore the Wide-World of Sports Medicine

This mini-medical school kit takes kids on an engaging journey in sports medicine, science, health and injury prevention.

Activities include learning how to treat an ankle sprain, learning the bones of the skeleton and hand, making models of different joints, and performing simulated Tommy John Surgery. For ages 6+.

Kit includes:

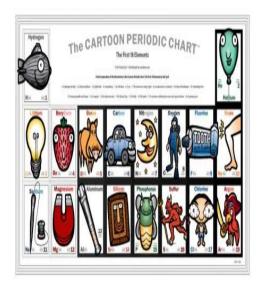
- · Little Medical School® White Coat
- Student Doctor ID Badge Ace Bandage Ice Pack Skeleton Poster
- Skeleton Stickers Hand Magnet Hand Poster Cup Clay 3 Craft

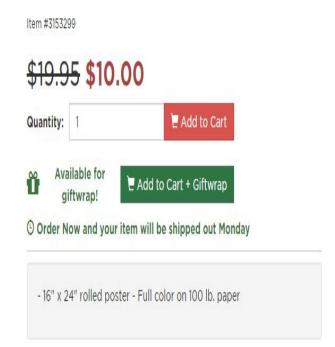
■• Suture
■• 2 Rubber Bands
■• Face Mask
■• Gloves
■• Surgical Driver
■

• Tommy John Surgical Sheet Little Medical School® Diploma • Workbook

More Information	
Age Range	5 And Up
Price Range	\$25-\$50

First 18 Elements Cartoon Poster





(Hover over image to zoom in)



Creative Introduction to the Periodic Table

The "First 18 Elements" poster (16" x 24") is a great way to introduce the periodic chart of elements to younger kids for the first time. Made of thick, high-quality 100 lb. matte press paper, this unique poster promotes a love of science and art. Perfect for framing, this poster ships rolled and is an excellent compliment to the full sized "Periodic Table Cartoon Poster" (item# 3152887).

More Information	
Subject	Lab
Price Range	\$10-\$25

Biopod in Motion



Item #3157518

\$34.95

This product is temporarily out of stock. Notify me when this item becomes available again.

*Production Delayed by Vendor - Estimated Summer 2022

- · Built your own best friend and personalize it with included stickers
- Bright LED eyes and exciting sound effects
- · Easily control its movements with different motions



∢ Previous

Description ☐ Videos ☆ Reviews

Build Your New Best Friend

Build your own electronic friend with a Biopod. Assemble the pod pet in over 15 parts, which will make it feel like yours. Pieces snap together and click into place, making it easy to put together. Once assembled, customize your new friend with the included sticker sheet. Then, you're ready to see it move, light up and make noise.

The LED eyes light up and move while it makes realistic sound effects. Control the pet with different motions. If you press the button on its head, it will make noise while moving its jaw. Move a hand over the sensor on its back and the creature will begin to walk forward, and if you hold your hand steady over the sensor, you'll see a new set of actions. Be entertained for hours with your new best friend!

With multiple different pet possibilities, collect them all!

Once assembled, measures 8.7" long. Requires 3 AAA batteries (included). For ages 5+.

More Information	
Age Range	5 And Up
Price Range	\$25-\$50

Robo Up



Item #3157519

\$59.95

This product is temporarily out of stock.

Notify me when this item becomes available again.

*Production Delayed by Vendor - Estimated Summer 2022

- Easily make Robo Up sit up and down or carry things around on the included tray
- Robo Up can be programmed with up to 50 steps or commands
- · Able to detect obstacles and features auto balance

(Hover over image to zoom in)





Next >

Talk and Play with your New Friend

When you turn Robo Up on, the eyes of your new friend light up and the fun begins. Make Robo talk with fun sound effects, sit up and down with its jointed legs and pick up or pull tiny objects with the included, easy-to-use remote. Robo Up even includes a small tray that fits perfectly in its hands to making lifting and pulling easier.

Create a dance routine with the remote, making it sway and spin, and then set the remote to remember it. Robo Up can be programmed with and store up to 50 steps or consecutive commands.

Guide it on the ground or another flat surface and watch as it detects and maneuvers obstacles. Robo Up is made with 2 sets of wheels and an auto balance feature. This robot automatically adjusts itself by bending his knees and giving itself a more sturdy, balanced stance.

With no assembly required, you can get Robo Up moving right away. Just add batteries (not included)!

4 AA batteries required (not included). Measures 10.9" tall. For ages 5+.

More Information		
Price Range	\$50 - \$75	
Age Range	5 And Up	

Home Science Kits



Kids Bug Catching Kit \$33.95 Kids can observe bugs close-up with this exciting kit. QUANTITY - 1 + ADD TO CART Ages 5+ In Stock & Ready to Ship Need it fast? See delivery options in cart. ADD TO WISH LIST SHARE

Product Description

 Θ

SKU: KT-INSKIDS

Kids can observe bugs close-up with this exciting bug catching kit. It comes with everything they need for catching and taking a closer look at insects: a special kids-size insect & butterfly net, deluxe bug viewer with magnifier lid, Best Book of Bugs guide to common species, and a pop-up habitat that lets them keep insects without a mess (or harming the bugs)!

You might also like these insect kits for older kids: Insect Collecting Kit and Insect Collector's Backpack Kit

This Kids Bug Catcher Kit is packaged in an environmentally-friendly white cardboard box.

Contents



Kids Backyard Bugs Kit

- · Best Book of Bugs
- Deluxe Bug Magnifier Jar
- Pop-up Insect Habitat (9" tall)
- Kids Insect & Butterfly Net with 18" wooden handle for extended reach
- · Backyard Bug instructions



My First Nature Backpack Kit

\$84.95

Encourage nature exploration from a young age with this backpack kit for kids! This starter nature backpack kit comes with age-appropriate tools to help kids get the most out of the outdoors - starting in their own backvards.



Need it fast? See delivery options in cart.

O ADD TO WISH LIST



SKU: KT-YNATKID

Encourage nature exploration from a young age with this backpack kit for kids! This starter nature backpack kit is designed for kids ages 5-12, and comes with age-appropriate tools to help them get the most of the outdoors - starting in their own backyards.

This outdoor backpack kit for kids includes the *One Small Square: Backyard* book, filled with nature activities and funto-read text. This nature backpack kit also comes with our kids' insect net, compact binoculars, a magnifier jar, plastic collection bags, a nature notebook, colored pencils, plastic forceps, helpful instructions, and a sturdy nature backpack to hold it all.

Contents



The 'My First Nature Backpack Kit' Includes:

- Nature Backpack Your kids can easily take this durable backpack with them wherever they explore! It will comfortably hold all of their nature investigation tools. Padded shoulder straps and back.
- One Small Square: Backyard This book will teach kids how to observe and understand the ecosystem of plants
 and animals that live and depend on one another right in your backyard.
- Insect & Butterfly Net This net has a sturdy wooden handle and mesh net that is ideal for catching everything from tiny bugs to delicate butterflies.
- Compact Binoculars These quality binoculars that are small, light, and easy for kids to use. Great for watching birds, squirrels, and other animals.
- Deluxe Magnifier Jar View bugs, rocks, leaves, and more. Small air holes and a 3X magnifier in the cover allow upclose viewing without hurting the specimens.
- Nature Notebook A small, spiral-bound notebook with blank pages for recording nature observations with drawings and notes.
- Colored Pencils With these, sketches can show the unique coloring of animals and plants.
- Plastic Forceps Use to gently pick up beetles, feathers, worms, etc.
- Specimen Collection Bags 15 plastic bags of varying sizes work perfectly for transporting rocks, pinecones, etc.
- · Instructions Our instructions include tips on how to use the insect net, binoculars, and more.



SKU: SB-CLBRISB

Ignite student interest in STEM with robotics!

Bristlebot Robotics Classroom Kit

\$157.50

A fun, easy way to bring robotics to the classroom! With these wacky robots & lesson plans, it's easy to explore science & engineering. No experience needed! Classroom set has parts for 20 robots (household items not included).

QUANTITY ADD TO CART

A Ideal for Grades K+

Need it fast? See delivery options in cart.

In Stock & Ready to Ship



Designed to engage students with simple, yet amazingly captivating robotics projects, this classroom set lets you do hands-on explorations covering engineering, problem solving, electrical circuits, friction, mass, and recycling. Students will explore these concepts as they imagine, build, and test their own robotic creations. No previous robotics experience needed.

Classroom set includes 5 **Bristlebot Robotics** kits–enough supplies to build 20 robots. Have students work in groups of 2 or more to build three kinds of robots: ArtBot, JunkBot, and BristleBot robots. Recommended for 20 students, Grades 2-8.

Comprehensive teacher's guides provide materials to support all experience levels

Lesson plans aligned to NGSS and key state standards guide you step-by-step through doing the activity with students:

- Bristlebot Lesson Plan Ideal for grades 2-5
- Junkbot Lesson Plan Ideal for grades 2-8.

Plus, we've created extensive Teacher Tool's for extra support in the classroom, including: how-to videos, instructional Powerpoint slides, science background, printable quick reference guide, student worksheets, and ideas for lesson variations.



Bristlebot Robotics Kit \$34.95 Build 3 different kinds of wiggling, wobbling robots for a fun introduction to robotics. Cups, brushes, markers & googly eyes are not included in this kit. Use the fun design ideas shown to inspire your own creations! QUANTITY ADD TO CART Lideal for Grades K+ In Stock & Ready to Ship Need it fast? See delivery options in cart.

Product Description



SKU: SB-BRISBOT

Do you love a DIY project? Build three different kinds of wiggling, wobbling, racing bristlebots for a fun introduction to robotics! This stem activity kit is also excellent for science experiments and and a fun way to get your student excited about their science fair projects.

Please Note: Cups, brushes, markers, googly eyes, and other household items are not included in this kit. Use fun design ideas pictured above to inspire your own creations!

This frugal fun kit offers tutorials on how to build:

- Bristlebots: tiny, wiggling robots built using toothbrush heads
- Art Bots: wobbly robots that draw as they move
- Brushbots: supersized Bristlebots built from scrub brushes

The Bristlebot kit provides an exciting and creative hands-on kids activity that allows students to learn and enjoy racing bristlebots. It's the perfect introduction to the world of robotics and electronics! You will build simple electrical circuits that bring your robots to life, using vibrational motion to propel them. With three different robots to build, you can explore a wide range of movements and simple robot behaviors, from shuffling about randomly to scribbling with a marker.

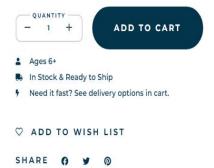
This project kit includes enough electronics components to build a total of four of your own robots, two Brushbots or Art Bots (or one of each) and two Bristlebots. All electronic components come ready to be assembled, no soldering or wire stripping needed, making this kit ideal for beginners. Your students will be racing bristlebots in no time!



Weather Experiment Kit

\$54.95

Use this educational weather kit to keep track of the daily weather, as a complete unit study, or to develop a neat science fair project! Includes a 12-page weather guide, mini weather station, a sling psychrometer & more.



Product Description

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SKU: KT-WESTUDY

Find the perfect experiment or science fair project with this engaging weather science kit!

Complete a study of weather conditions using meteorology tools like a sling psychrometer, a barometer, and a mini weather station. Plus, you'll **receive a detailed, 12-page weather study guide!** The whole family will easily learn the basics of how weather works with this weather kit.

Use this weather science kit to keep track of the daily weather as a complete unit study or to develop a science fair project. Learn about and measure atmospheric pressure, temperature (hot weather, cold weather, and everything in between), humidity, precipitation, wind speed, and wind direction with the weather equipment included in this kit.

Have any weather enthusiasts or aspiring meteorologists in your home? They'll love the full-color **Cloud Chart** and the portable **Weather Center**!

Weather Kit Science Fair Project Ideas:

- Study daily weather patterns for a week. What time of day has the highest temperature? What about the lowest? Keep testing to see if your results are accurate.
- Do you think there is a time of day that has the strongest winds? Test your prediction using the mini weather station
- · What is the relation of barometric pressure to changes in the weather? Can you use it to predict future weather?



Kids Nature Backpack Kit

The Kids Nature Backpack Kit gets kids off the couch, outside, and exploring! This complete kids nature explorer set is toteable, affordable, educational & fun. Turn every trip outdoors into a memorable learning adventure.



- In Stock & Ready to Ship
- Need it fast? See delivery options in cart.
- O ADD TO WISH LIST



SKU: KT-YNATURE

The Kids Nature Backpack Kit is the perfect set for encouraging kids' natural curiosity and introducing them to the wonders of nature! It's an engaging nature field kit that provides real hands-on tools, allowing curious learners to explore the worlds of birds, plants, insects, and more.

As a parent or instructor, you'll feel the excitement of learning as you review things you first learned as a child, as well as the inspiration that the beauty and intricacy of nature imparts.

Equipping your child for outdoor exploration, this naturalist kit includes:

- a nature daypack/backpack for endless explorations and nature walks;
- · a notebook for nature journaling and taking field notes;
- a hand lens for up-close inspections of all kinds of critters, animal tracks & more;
- · pocket-sized field guides full of pictures and fun facts about birds, bugs & wildflowers;
- · compact binoculars/spotting scope;
- · and so much more!

The included Nature Connection book helps families get started with tips on what to look for and where. In addition, the fact-filled Golden Guides let them identify and learn about the treasures they find. As kids catch butterflies and bugs with the insect net, make a leaf and flower collection with the plant press, and watch birds and other small animals with the compact binoculars, they'll learn valuable observation skills and come to love the intricacies of the



SKU: KT-ELETOO

Elephant Toothpaste Reaction Kit

\$44.95

Learn how to make elephant toothpaste with the Elephant
Toothpaste Reaction Kit - an incredibly fun, educational &
hands-on demonstration of chemical reactions! Provide kids
with a safer version of a classic experiment.



- Ages 6+
- In Stock & Ready to Ship
- Need it fast? See delivery options in cart.

O ADD TO WISH LIST

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Learn how to make elephant toothpaste with the Elephant Toothpaste Reaction Kit!

This science kit provides an incredibly fun, educational, and hands-on demonstration of chemical reactions. The Elephant Toothpaste Reaction Kit contains the necessary equipment and supplies **for up to 8 scientists** to explore a safer version of a classic demonstration experiment. Find an **elephant toothpaste recipe** and step-by-step instructions inside!

This kid-friendly science experiment is perfect for a small group of students to enjoy together. It is designed for chemists and young learners who are ages 6+; adult supervision is recommended and required for scientists under 12.

Note: If you'd like, you can also check out this **version of the elephant toothpaste experiment** to see a slightly different materials list and step-by-step process - as well as an explanation of the science behind the bubbling explosion!



SKU: SB-CIRCUIT

Basic Circuits Kit

\$14.95

The Basic Circuits Kit brings a unique twist to learning about electricity. Build a simple circuit, create your own dimmer switch, learn about conductors & more! See the product description below for more information.



- Ideal for Grades K+
- In Stock & Ready to Ship
- Need it fast? See delivery options in cart.
- O ADD TO WISH LIST



This Basic Circuit Kit contains everything you need for an engaging, hands-on introduction to electricity and circuits!

Science Buddies scientists have selected quality electronic components that will last after repeated use, so you can explore all three Basic Circuits projects for an in-depth look at electricity and conductivity.

Using real electronics components inside this basic circuit kit, you'll build and test a basic circuit and explore how electricity flows through the components.

Take your exploration of circuits and problem solving even further with this electricity kit by easily attaching additional components to your circuit! For example, you can add different materials to test which are the best conductors, create your own dimmer switch, explore parallel circuits, and more. The opportunities for **DIY electric circuit projects** with this basic kit are endless!

Online, step-by-step instructions guide you through each of these electrical circuits projects, and the supplies in this kit make it easy to take your basic circuits exploration to the next level.

Not quite ready to checkout? Take a look at the customer reviews below to learn more; there's a reason **this starter kit** has a near 5 star rating!

Instructions for this kit are available online, see below for links to the instructions and more.





☆☆☆☆ WRITE A REVIEW

Hot and Cold

\$34.99

You observe temperature every day with how hot or cold you feel. Temperature is so much more than that! Design and carry out a fun experiment by making a thermometer and using it to measure the effects of various conditions on temperature.



- Wonder (K-2nd grade)
- In Stock & Ready to Ship



Product Description

SKU: SU-HOTCLD

Hot and cold temperatures are so much more than how your skin feels when you step outside. The Science Unlocked Hot and Cold curriculum kit is an exciting hands-on STEM activity experience for young scientists to explore basic weather science experiments!

Using the full-color student workbook and robust teacher guide, students will walk through several science activities including the process of making their own thermometer and performing experiments to learn about temperature, heat energy, expansion and contraction, reversible and irreversible changes, and experimental design. The student curriculum workbook and teacher guide provide detailed, step-by-step instructions for conducting the experiments. They also provide rich background information, a guide for designing your own temperature experiment, formative assessment, and more!

The student experience is inquiry-based, meaning learners will practice their skills of observation, experimentation, problem-solving, analysis, evaluation, and reflection - skills that real-life scientists and engineers use! This kit will take just minutes to set up but provides six hours (or more!) of learning, temperature science experiments, and fun. Both the teacher and student can jump right in and follow the student curriculum workbook and teacher guide, or create a custom schedule with our guidance to fit their specific needs!

In this kit, the student will engage in these fun activities:

- 1. Make a thermometer from a bottle, a straw, clay, and isopropyl alcohol
- 2. Calibrate the DIY thermometer the same way the inventor of the Celsius scale did
- 3. Make gelatin two different ways to observe reversible and irreversible temperature changes
- 4. Use the DIY thermometer and the included standard thermometer to explore questions about temperature using





Blast Off

\$44.99

Blast off into learning with this exciting kit! Students will make a variety of rockets and measure their movements. They will learn about the connection between force and motion, and how to push and pull around obstacles.



- Physics
- Wonder (K-2nd grade)
- In Stock & Ready to Ship
- Need it fast? See delivery options in cart.

Product Description



SKU: SU-BLSTOF

Blast Off: Ready, Set, Rocket! is a Wonder level curriculum kit with Science Unlocked. Take off and soar with this rocket physics kit in which students will study the connection between force and motion. They will reach new heights in their science knowledge by doing activities like making a tea bag fly, popping a film canister with gas, making a stomp rocket, and designing a space rover model.

"Blast Off" comes with a **full-color Student Workbook and a detailed Teacher Guide.** It is a phenomenon-based approach, designed to fully engage students in the topics of force and motion. Through a series of experiments, students will gain an understanding of how force and motion are closely connected and how this connection is used in science, technology, and society. This Wonder level kit will provide **over 7 hours of learning**, introducing your student to many foundational physics concepts.

The student will engage in these exciting activities:

- 1. Light a tea bag on fire and watch it take off
- 2. Make a mini popping rocket with Alka Seltzer
- 3. Make a stomp rocket to learn about distance, speed, and direction
- 4. Add paper clips to a straw rocket to find out how mass affects motion
- 5. Design a space rover model to move cargo on an imaginary planet's surface

Use "Blast Off" to answer questions such as:

• How does a rocket move upward?





Super Seeds

\$39.99

Super Seeds is a hands-on Science Unlocked experience for your student! Students will design and carry out investigations to discover the diversity and dispersal of seeds, and explore pollination and germination.



- **■** Biology
- Wonder (K-2nd grade)
- In Stock & Ready to Ship
- Need it fast? See delivery options in cart.

Product Description



SKU: SU-SPRSEED

Have you ever wondered what makes a plant grow? How do tiny seeds sprout into a thriving leafy plant? Our Science Unlocked Wonder level kit, Super Seeds: Amazing Diversity of Seeds, is an exciting experience for the curious sprouting botanist in your life!

Using the full-color student curriculum workbook, students will get hands-on experience **germinating seeds** and develop models demonstrating how multiple animals cause pollination and seed dispersal. Parents and educators can easily follow along and support their students using our detailed teacher guide. Additionally, students will understand the relationships between seed diversity and reproduction.

Super Seeds includes a **full-color student workbook and teacher guide**, with detailed, step-by-step instructions for six activities designed to engage your student in seed diversity. The student experience has inquiry-based science experiments and assessments designed to enhance your students' understanding of seed growth and diversity. This botany and plant sciences kit will take just minutes to set up, but provide six or more hours of learning and fun STEM activities. Both the teacher and student can jump right in and follow the student curriculum workbook and teacher guide for this seed germination experiment.

In this kit, the student will engage in these fun activities:

- 1. Seed sorting to understand the diversity
- 2. Make a model creating a pollinator and demonstrate the process of pollination
- 3. Demonstrate methods of seed dispersal by different animals
- 4. Make a seed pod model and demonstrate seed pod "explosion"
- 5. Remove seed coats and model plant growth



Botley the Coding Robot 2.0 Activity Set

\$84.95

Botley is back and better than ever in Botley 2.0! With this updated version of the award-winning Botley the Coding Robot, kids as young as 5 can learn to code through screenfree, hands-on exploration.



O ADD TO WISH LIST

Product Description

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SKU: EL-BTLY02

Botley is back and better than ever in Botley 2.0!

With this updated version of the award-winning Botley the Coding Robot, **kids as young as 5 can learn to code through screen-free, hands-on exploration**.

Now holding sequences up to **150 steps**, Botley 2.0 will have your young coders building and learning even more complex functionality. Botley the Coding Robot 2.0 even has a **built-in light sensor so his eyes will light up in the dark!**

Eager to get going? Great, because Botley 2.0 is ready to use right out of the box. Kids can code him to move in 6 directions, play music, put on their own light show, and even test their memory with an engaging game of Botley Says!

Botley 2.0 is **100% screen-free**, includes **16 interactions** (you can transform him into a police car, train, etc.), and comes with a **78-piece activity set**, making him a robot like no other. Botley has won over a dozen awards and is sure to please!

A few of Botley's fun, interactive features include the ability to:

- · detect objects and move around them;
- · follow looping commands;



Thames & Kosmos Catapults & Crossbows

\$24.95 \$24.20

Launch into a study of physics & projectiles with this

Catapults & Crossbows Kit from Thames & Kosmos. Build 10

updated models of the classic medieval weapons & uncover physics principles of force, energy, motion & more!

- Ages 8+
- In Stock & Ready to Ship
- Need it fast? See delivery options in cart.

Product Description



SKU: KT-CATACROS

What can a medieval type of weapon from the middle ages teach kids about physics? As it turns out, a lot!

Catapults, crossbows, and trebuchets are classic siege weapons that were used in medieval times. Today, these devices can be used for teaching physics, specifically demonstrating physics lessons in force, energy, motion, and fling projectiles!

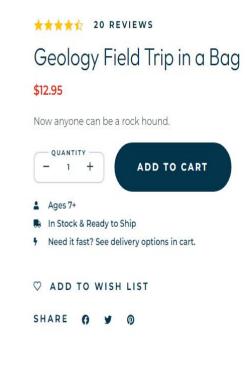
Far more than a playset, this Catapults and Crossbows kit from Thames & Kosmos covers physics concepts related to:

- Elasticity
- · Potential & kinetic energy
- Vectors
- · Gravity & air resistance
- · Speed, velocity & acceleration
- Mass & weight
- · Gravitational potential energy
- Hooke's Law
- and more!

What's included in Catapults and Crossbows?

- 100+ pieces to build and launch your creations
- · 10 working models of catapults, crossbows, and trebuchets
- 10 exciting experiments (one for each model)
- · 32-page, full-color manual with step-by-step instructions





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SKU: RM-GEOBAG

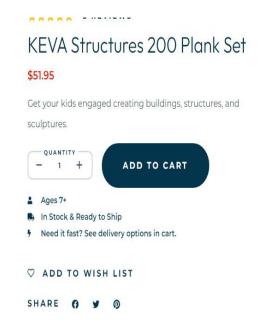
Now anyone can be a rock hound! This kit is loaded with 30 rocks, minerals, fossils, and gemstones to sort and identify.

It's a useful hands-on supplement to geology studies and can keep kids busy for hours!

This geology set includes an identification key and 30 fossils, rocks, minerals, and gems packaged in fine sand.

WARNING: CHOKING HAZARD - Small parts. Not for children under 3 years. Adult supervision required.



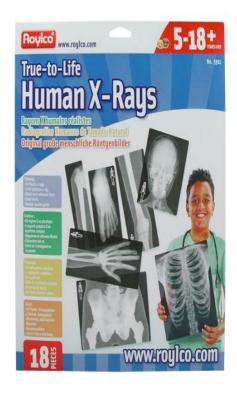


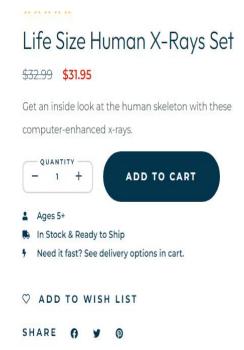
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SKU: KT-MWSTRUC

Get your kids engaged creating buildings, structures, and sculptures! No glue or connectors required! Simply stack the precision-milled, solid pine KEVA planks from Mindware®. It's ideal for helping kids understand balance, stability, and basic physics while developing an interest in architecture, design, and engineering. A 24-page, full-color idea booklet with build-out instructions is also included.

Keva Planks are perfectly identical construction blocks that stack with surprising stability. Children instinctively know how to stack things, so the fun starts immediately. This simple construction system provides a unique building experience. With all the pieces the same, no energy is wasted searching for specific shapes or connectors, allowing the creative process to flow more smoothly than with complex systems. KEVA enthusiasts range from kids to architects because every person can enjoy building at his or her own skill level. Children never outgrow Structures!







SKU: CM-HUMXRAY

Get an inside look at the human skeleton with these computer-enhanced x-rays. Hold the x-rays up to a window or place them on a table using the included white paper backing to get a detailed look at a real skeletal system. The 18 pieces can be arranged together to reproduce the entire body of a 5-foot-tall young adult. Individual x-rays include skull, hand, rib cage, pelvis, and more. Comes with a teacher guide for working with young students and a reproducible worksheet.

This is a fascinating hands-on tool for exploring the human skeleton! Here are a few of the things you can do and learn with this x-ray set:

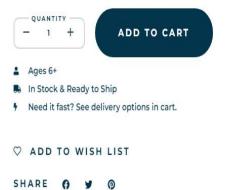
- Count the bones in the human body
- · Label individual bones
- Explore the purpose of different bones
- Compare and contrast bone structures
- · Learn about x-rays and how they are used
- Explore x-ray opacity



Science Wiz Light Kit

\$29.95

Introduce your young kids to physical science in a fun way.



Product Description



SKU: KT-SWLIGHT

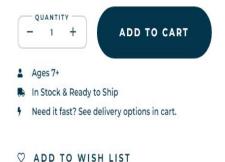
Introduce your young kids to physical science in a fun way. This combination book and kit has the supplies to do 25 easy but educational activities with light. You can make your own lenses out of gelatin, play with rainbows, capture shadow pictures with light-sensitive paper, and more. The 40-page text is geared toward ages 7 and up, with simple and clear scientific explanations and colorful illustrations. Includes over 25 components for doing the activities; some household items required.



Bacteria Introduction Kit

\$13.50

Investigate the world of bacteria that's all around us with this introductory kit ideal for teaching elementary kids about bacteria.



Product Description

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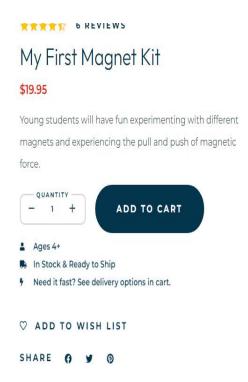
SKU: KT-BACTFUN

Investigate the world of bacteria that's all around us with this introductory kit ideal for teaching elementary kids about growing bacteria. They will see how cleanliness and refrigeration affect bacteria growth, how to isolate one type of bacteria to start a culture, and how household disinfectants affect bacteria growth. Kit includes materials for three lab experiments. You supply some household items. Adult supervision required.

Use the following questions to help you come up with a science fair project or other bacteria activities:

- · What effect does temperature have on bacteria growth?
- What works better to stop bacteria growth—disinfectants or soap?





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SKU: MG-MYFIRST

Young students will have fun experimenting with different magnets and experiencing the pull and push of magnetic force. A variety of magnets come with the kit, including a magnetic wand, three magnetic balls, a horseshoe magnet, a bar magnet and two ring magnets. The fun experiments include making a compass, making a simple electromagnet, making ring magnets float, measuring a magnetic field, and more!

This kit includes eight double-sided experiment cards that explain various principles of magnetism and talk about the history of magnets.

Adult assistance required for children younger than 4.







SKU: SU-WEATWT

Engage with the outdoors and with indoor simulations to understand weather all around us! Weather Watch will help any young meteorologist or weather forecaster learn and test how the weather happens.

In this kit, students will **build and test weather models and track their local weather**. Students will use these handson science experiments to delve into local and severe weather. Weather Watch comes with a **full-color Student**Workbook and Teacher Guide. This homeschool weather curriculum kit contains activities and information that focuses on the phenomenon of clouds and how clouds are related to local and severe weather.

As part of a special program from Home Science Tools, this Wonder level kit will provide **over 6 hours of knowledge**, educating your student about clouds, weather, and how to prepare for both.

In this kit, the student will partake in these fun activities:

- 1. Make a model of a cloud in a bottle.
- 2. Use three experiments to understand the process of cloud formation.
- 3. Record their own weather.
- 4. Make predictions based on weather patterns.
- 5. Model a severe type of weather tornados.

Weather Watch to answer questions such as:

- What is weather?
- · What do clouds mean?
- · Are there different types of clouds?
- · How can I know what the weather is like?
- How can I prepare for weather?





In this a-MAZE-ing exploration kit, students will investigate the world of light and discover what happens when it hits different objects. A do-it-yourself periscope and mirror maze provides hours of interactive learning.



- Physics
- Wonder (K-2nd grade)
- In Stock & Ready to Ship
- Need it fast? See delivery options in cart.

Product Description



SKU: SU-AMZMIR

A-Maze-ing Mirrors: An introduction to light is a part of the Science Unlocked series of **phenomenon-based curriculum kits** and is an exciting experience for young scientists and engineers!

Students will engage in exciting activities such as:

- · Making their own periscope
- · Finding out what happens when light travels through prisms and colored cellophane
- Classifying objects based on how much light they let through
- Bouncing light off of mirrors around an obstacle in a Mirror Maze challenge

Inside of the box you will find a **highly engaging full-color student curriculum workbook and teacher guide**, with detailed step-by-step instructions for all hands-on activities, rich background information including important vocabulary, and suggestions for taking the learning to the next level. The experience is inquiry-based, meaning learners will practice their skills of observation, experimentation, problem-solving, analysis, evaluation, and reflection skills that real-life scientists and engineers use! This kit **requires almost no initial setup** and provides approximately **five hours** (or more!) of learning and fun. Both the teacher and student can simply jump right in and do science!

The student will engage in these fun activities:

- 1. Make a working periscope from the box the kit came in
- 2. Use a prism to separate sunlight into all of the colors of the rainbow
- 3. Change the color of light with cellophane





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SKU: CM-BONXRAY

This set contains copies of real broken bones x-rays. Get a detailed look at common breaks in a variety of human bones. Hold the x-rays up to a window or place on a light table to get the best view. This set includes 15 broken bones x-rays and an informative guide. Broken bones include arm, wrist, leg, ankle, foot, rib, back, skull and more.



Primary Science Lab Set

\$32.95

This Primary Science Lab Set from Learning Resources lets even the littlest scientists begin experimenting.



Need it fast? See delivery options in cart.

O ADD TO WISH LIST

SHARE O Y

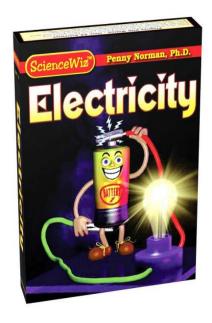
Product Description

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SKU: CE-PRIMLAB

This Primary Science Lab Set from Learning Resources lets even the littlest scientists begin experimenting! With 12 durable, unbreakable pieces specially sized for small hands, kids can do 10 easy-to-follow science experiments. Plus, download 10 more projects from **Learning Resources**. Included projects are mixing colors, making a volcano, and more. Household items not included.

WARNING: CHOKING HAZARD - Small parts. Not for children under 3 years. Adult supervision required.



Science Wiz Electricity Kit \$24.95 Help your young kids understand how electricity works with the hands-on activities and easy-to-read text in this combination book and kit. ADD TO CART Ages 5+ In Stock & Ready to Ship Need it fast? See delivery options in cart. ADD TO WISH LIST SHARE O

Product Description

SKU: KT-SWELECT

Help your young kids understand how electricity works with the hands-on activities and easy-to-read text in this combination book and kit! They'll be able to make several different types of circuits and connections that will make a light bulb glow and a motor spin, and they'll also get to create a simple morse code machine using a buzzer. In the process they'll learn about simple, parallel, and series circuits, load, switches, conductors, and insulators. Comes with materials to do most of the activities and a 34-page kid-friendly guide that includes a word search and crossword puzzle at the end. You provide a D-size battery.

WARNING: CHOKING HAZARD - Small parts. Not for children under 3 years. Adult supervision required.



SKU: KT-AIRACER

Explore the forward-thinking world of alternative energy while building a model car that requires no batteries or motor! This incredible racer uses hydraulics powered by pressurized air to create movement. After constructing the racer, pump up the air tank and watch the car take off! The pump is designed to make it easy to operate, along with a safety valve to ensure that the air tank is not over-pressurized.

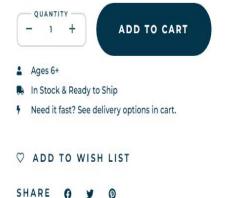
This OWI Air Power Racer kit includes 15 pieces and provides hours of fun. You provide some common household tools. Ages 6+.

WARNING: CHOKING HAZARD - Small parts. Not for children under 3 years. Adult supervision required.

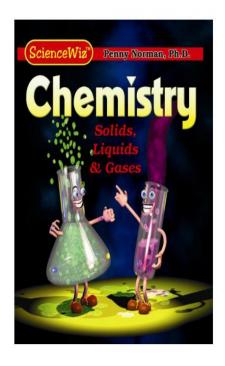
OWI Air Power Racer Kit

\$19.95

Explore the forward-thinking world of alternative energy while building a model car that requires no batteries or motor!









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SKU: KT-SWCHEM

With this chemistry kit from ScienceWiz, kids can enjoy 30+ activities using the 40-page experiment manual, 25+ included pieces, and a few common household items. Suck an egg into a bottle. Learn about states of matter, and make candles. Capture a CO₂ explosion, and more!

This chemistry set from award-winning ScienceWiz includes free internet portal access to help you take chemistry experiments even further. Ages 6-10 with parental supervision.

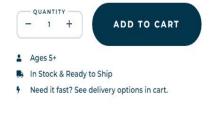
WARNING: CHOKING HAZARD - Small parts. Not for children under 3 years. Adult supervision required.



GeoSafari Talking Microscope

\$54.95

This GeoSafari Talking Microscope from Educational Insights is a great way to engage young children in scientific observation - while also ensuring they have a whole lot of fun in the process. See product information below!



O ADD TO WISH LIST

Product Description



SKU: MI-TALKMIC

This GeoSafari talking microscope from Educational Insights is a great way to engage young children in scientific observation - while also ensuring they have a whole lot of fun in the process! 5+-year-olds will spend hours engaged with the 60 microscopic images while their microscope "talks" to them, sharing over 100 fun facts and questions about what they're seeing on the slides.

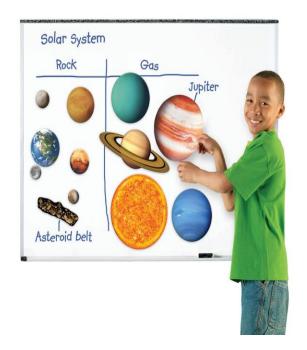
The Geosafari Jr. Talking Microscope:

- Has 2 Modes: Fact Mode and Quiz Mode
- · Comes with 20 Slides, each with three four-color photo-quality images (for a total of 60 images)
- Features 2 comfortable eyepieces for easy viewing there's no need to close one eye!
- Is easy to clean up and store: slides conveniently fit inside the microscope
- Features the voice of Bindi Irwin, and Australia Zoo conservationist
- Requires 3 AAA batteries (not included)
- Includes multilingual audio there are 4 languages included: English, Spanish, German, and French
- Features 5x magnification

Take a closer look with the only talking microscope for preschoolers - packed with photo-quality images and audio about the amazing, up-close world of animals, plants, everyday household items, and more!

Real microscopes can be frustrating for young children because they require some work to get a specimen focused; thus, kids often don't know what they are seeing. The GeoSafari Jr. Talking Microscope addresses both of these issues:

• The "slides" are magnified high-quality microscopic images that require no effort to focus. The microscope





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SKU: AS-MSOLAR

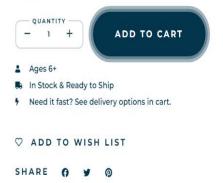
Put the solar system in their hands with this full-color, realistic-looking magnet set. The 12-piece Giant Magnetic Solar System set from Learning Resources captures students' imaginations as you model space science concepts on your whiteboard. Set includes eight planets, Pluto (dwarf planet), Sun, Earth's moon, and asteroid belt plus an activity guide. The largest magnet (Sun) is 10" in diameter.



Magnetic Attraction Test Kit

\$14.95

Explore magnetism, magnetic fields, and temporary magnets with this magnet kit for kids. Includes everything you need to complete four science experiments. Great for STEMI



Product Description



SKU: KT-MGATEST

Experiment with magnets! Your young scientist will be fascinated with the Magnetic Attraction Test Kit. Keep them busy for hours while learning about magnetism, magnetic fields, and temporary magnets. This science kit for kids is a great introduction to key Physics and Engineering principles.

The kit includes a horseshoe magnet, bar magnets, copper & zinc pieces, light bulb, nail, paper clips, seashell, and more items to complete the experiments. Step-by-step instructions are included for four different experiments. Plus, get ideas and inspiration for other projects to do with magnets. Some household items (pencil, notebook) are required.

WARNING: CHOKING HAZARD - Small parts. Not for children under 3 years. Adult supervision required.





Brick by Brick

\$44.99

Your young chemist will learn how the buildings and other structures around them are made. They discover the small pieces that make up larger structures. Start building a solid chemistry foundation with Brick by Brick chemistry curriculum kit.



- Chemistry
- Wonder (K-2nd grade)

Product Description



SKU: SU-BRICKB

Build a solid chemistry foundation: learn how small things stick together to make big things. **Make rocks bubble,** construct bricks and mortar, and design a tiny house! Test the strength of stones and build a series of structures with this exciting chemistry curriculum kit.

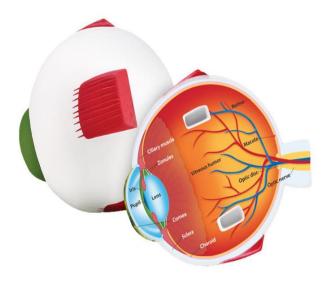
This Wonder level kit includes a **full-color student workbook and a detailed teacher guide**, with step-by-step instructions for both hands-on and reading-based activities designed to engage students in the properties of materials and the relationship between structure and function. Both teacher and student will be able to open the box and start within minutes, and the kit will provide over **8 hours of engaging learning**.

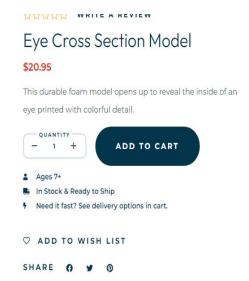
In this kit, the student will engage in these fun activities:

- 1. Discover the strengths and weaknesses of limestone using water and vinegar.
- 2. Study the small pieces that make up large structures in your world by taking a walk
- 3. Think about the properties of building materials as you complete construction challenges.
- 4. Use water to make certain building materials stronger and more useful.
- 5. Put your construction know-how to use by designing a tiny house.

Use Brick by Brick to answer questions such as:

- · Why are some rocks changed by acid and water?
- What rocks are used as building materials?
- · What must be done to rocks before they can be used to build things?
- How do building materials stick together?







SKU: CM-EYEMODL

This durable foam model opens up to reveal the inside of an eye printed with colorful detail. One side of the model is labeled with different parts (cornea, optic nerve, vitreous humor, retina, iris, pupil, macula, sclera, and more), while the other side only has letters labeling the parts so you can test your knowledge or see how much a friend knows.

Instructions include activity ideas for students, plus interesting facts about eyes.