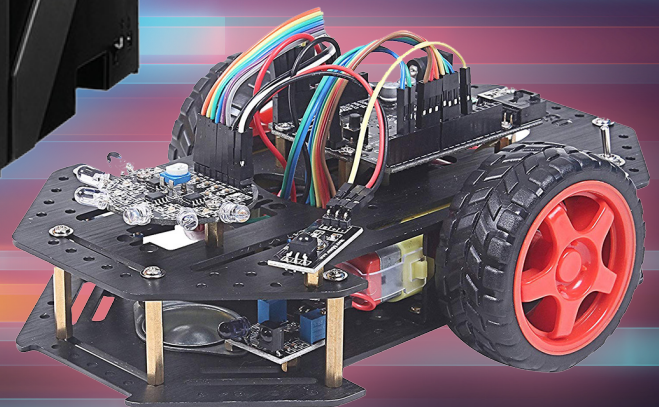


MIDWEST HIGHLIGHTS STEM



PARTNERING WITH EDUCATORS
TO PREPARE THE WORKFORCE OF TOMORROW!

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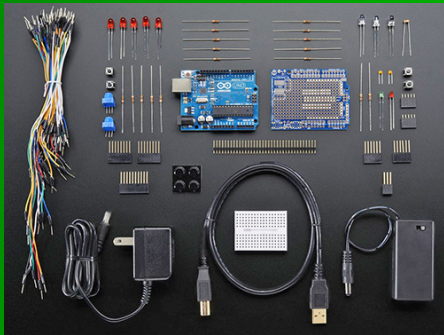


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STEM PRODUCTS



ADAFRUIT

Starter Pack for Arduino with Uno R3
189500

This bundle is designed to get you started quickly and easily on learning electronics with Arduino. It's designed for everyone, even those with little or no electronics and programming experience. Includes everything you need to begin your Arduino journey!

CLICK FOR PRICING

BLOXELS

Video Game Classroom 5-Pack
250000

Bloxels uniquely unlocks students' innate creativity through video games. Students play fun games and channel their creative potential as they gain understanding of design logic and computer science, and demonstrate their knowledge of history, science, math, and more.

CLICK FOR PRICING

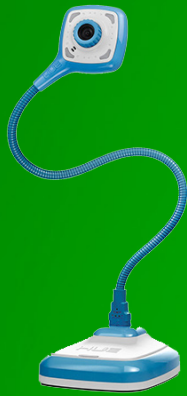


ENGINEO

STEM Simple Machines
391015

These mechanisms are designed to multiply or reduce force, increase or decrease speed, and convert one type of motion to another. Build 60 working models that cover the subjects of levers, wedges, wheel and axle, screws, inclined planes, pulleys, and other advanced gears and linkages!

CLICK FOR PRICING



HUE

HD Pro Camera

475903

A lightweight, portable document camera and visualizer with full HD 1080p resolution, built-in LED lights, and a high quality microphone. Use for making promotional and instructional videos, classroom and distance learning, live demonstrations, or support and video conferencing.

CLICK FOR PRICING



HUE

Animation Studio

475900

Kit contains everything students need to create their own stop motion animation videos. This kit encourages creativity and imagination, whether you're making a LEGO® brick film, animating in claymation, or capturing a flower bloom using time-lapse photography.

CLICK FOR PRICING



LEARNING RESOURCES

Let's Go Code Activity Set

502751

This set introduces children to early coding and programming ideas without electronics. The full-color guide includes sample mazes and coding overview. Students will have fun while building gross motor skills by stepping, hopping, and turning.

CLICK FOR PRICING



LEARNING RESOURCES

Learning Resources Botley 2.0 the Coding Robot Activity Set

502753

Botley® 2.0 helps kids ages 5+ learn to code through 100% screen-free play. Code Botley to move in 6 directions, play music, and even put on a light show! Or, transform him into a train, police car, ghost, and more! You can even test your memory with a game of Botley Says!

CLICK FOR PRICING



LEARNING RESOURCES

Gears! Gears! Gears! Machines in Motion

502770

Kids engineer their own playtime fun with these creative, open-ended building activities. Using included instructions, kids build their own versions of many interactive machines and vehicles, and incorporate special parts like a wrecking ball, chains, pulleys, and wheels.

CLICK FOR PRICING



LEGO

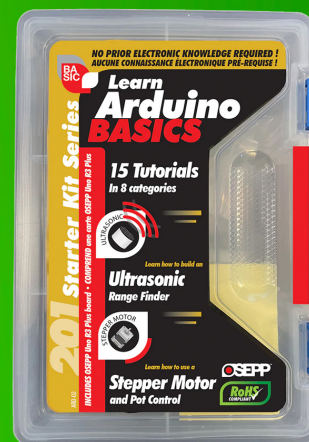
Creative Brick Box

502898 Medium

502900 Large

With lots of different windows and doors, along with other special pieces to inspire young builders, they can really run with their imaginations. With some ideas to get started, this set provides the perfect creative toolkit for children of all ages to enjoy some classic LEGO fun.

CLICK FOR PRICING



OSEPP

201 Arduino Basics Starter Kit

615700

Discover Arduino through easy and fun lessons that include step-by-step instructions with diagrams. No prior electronics knowledge required! Build 15 projects and learn about: temperature, light, LEDs, sound, ultrasonic, servo and stepper motors, and LCD.

CLICK FOR PRICING



MAKEBLOCK

Codey Rocky Robot

512530

This robot, designed for programming education, and mBlock software for blocked-based and Python programming, helps children enhance their logical thinking skills. With over 10 electronic modules, Codey Rocky is great for lessons on electronics, programming, and design.

CLICK FOR PRICING



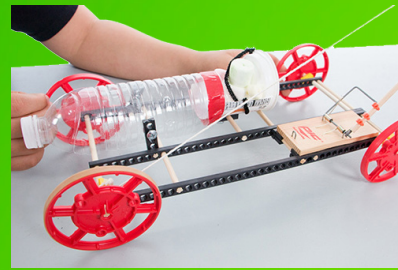
TEACHERGEEK

Multi-Cutter

892020

A safe and simple way to cut wood, plastic, or recycling bin materials such as dowels, popsicle sticks, connector strips, and food packaging. Design accommodates large and small hands. Not for use with metal.

CLICK FOR PRICING



TEACHERGEEK

Mousetrap Vehicle Activity

892009

Ever think a mousetrap could power a car? Well, it can! Start by building the base, then add the mousetrap's power and off it goes! Experiment with the included gears and other unique build components to allow the racer to go farther, faster, or pull a heavy weight.

CLICK FOR PRICING



MAGFORMERS

Rainbow Magnetic Construction Set,

513324 26-Piece

513315 30-Piece

513310 62-Piece

Designed for ages 3+, the open nature of MAGFORMERS® shapes are great for small fingers and the instant connectivity will let the fun last for hours! With the addition of a pentagon, budding architects will be kept busy building, creating, and discovering all day long.

CLICK FOR PRICING



MINDWARE Q-BA-MAZE

2.0: Big Box with Marble Pack

581545

A unique system of colorful cubes that interlock to form a marble run. Students use critical thinking skills, spatial reasoning, and hand-eye coordination to create thrilling maze sculptures in the form of animals, geometric shapes, or any other design!

CLICK FOR PRICING



MODULAR ROBOTICS

Cubelets Curiosity Kit

580616

Expand your students' robot building horizons with 10 sense, think, and act Cubelets, plus a Bluetooth hat. Cubelets make it easy to explore robotics, coding, and other big ideas. Snap together the magnetic faces to build hundreds of robot constructions!

CLICK FOR PRICING



PRIMO

Cubetto Playset

682200

Cubetto is a playful wooden robot that helps kids ages 3+ discover computer programming away from the screen, through storytelling and hands-on play. It's the first coding toy of its kind to work without a digital interface, and lets children learn to code before they can read or write.

CLICK FOR PRICING



QBALL

Throwable Wireless Microphone

684950

Perfect for classrooms, conference rooms, PD sessions, and large-group school events, this microphone boasts amazing sound quality with 12+ hours of battery life in a soft yet durable foam structure that's designed to take a beating.

CLICK FOR PRICING



XTREME

VR Cinema Viewer with Audio

992014

Transform your smartphone into an immersive VR viewer. Features built-in headphones to hear audio from the smartphone, plus a navigation button for in-game options. Watch movies, 360° videos, play games in 3D, or choose from over 1,500 downloadable apps.

CLICK FOR PRICING



STRAWBEES

STEAM Classroom

866620

This massive construction kit has over 4,000 pieces for hands-on and collaborative learning among 30 students. Over 100 story-based challenges get kids creating cityscapes, rollercoaster tracks, pyramids, and moving mechanical arms and claws.

CLICK FOR PRICING



STRAWBEES

STEAM Starter Kit

866610

A personal-sized construction set with 230 pieces to build small towers, moving mechanical cranes, and arms. Use the pieces to build anything from the Strawbees Learning platform or as a personal kit in a professional training environment.

CLICK FOR PRICING



STRAWBEES

Robot Invention For Micro:Bit

866616 1 Pack

866617 10 Pack

Snap together your micro:bit with physical Strawbees buildings and program mechanical structures with servo motors! Write in Microsoft MakeCode's block-based programming platform, upload a program and remove from the computer to run on batteries. All electronics easily connect to Strawbees connectors and straws.

CLICK FOR PRICING



STRAWBEES

Builders' Imagination Kit

866615

Over 100 curriculum-aligned challenge cards come with two levels of engagement. The cards don't have any instructions, just a challenge, and students are the inventor of the solution! They can sketch their ideas, build a prototype, test it, reflect on the results, and redesign!

CLICK FOR PRICING



SPARKFUN

Inventor's Kit v4.1

832712

A great way to get started with programming and hardware interaction with Arduino. Includes everything you need to complete 5 projects of 16 interconnected circuits that teach everything from blinking an LED to reading sensors. The final product is your very own autonomous robot!

[CLICK FOR PRICING](#)

SPARKFUN

Sensor Kit

832713

A huge assortment of favorite sensors for just about every job. With everything included in this kit, you'll be able to sense gestures, humidity, temperature, motion, touch, sound, altitude, acceleration and more! Compatible with Arduino.

[CLICK FOR PRICING](#)



TWENTY ONE TOYS

Empathy Toy Teacher's Kit

944300

Perfect for SEL applications, this toy set explores how practicing empathy helps us improve other universal learning skills, like critical thinking. Lessons include games for creative dialogue, teamwork and collaboration, autonomous learning, and making real world connections.

[CLICK FOR PRICING](#)



**EVERYTHING YOU
NEED TO KNOW
ABOUT HUE CAMERAS.**

[READ NOW](#)

3D PRINTING



DOBOT

Magician 4-Axis Robotic Arm

190440

A truly cutting-edge robotic arm, it can manipulate objects, 3D print, write, and draw. It has a graphical programming environment, multiple tool heads, and the capability to work with the Arduino platform.

CLICK FOR PRICING

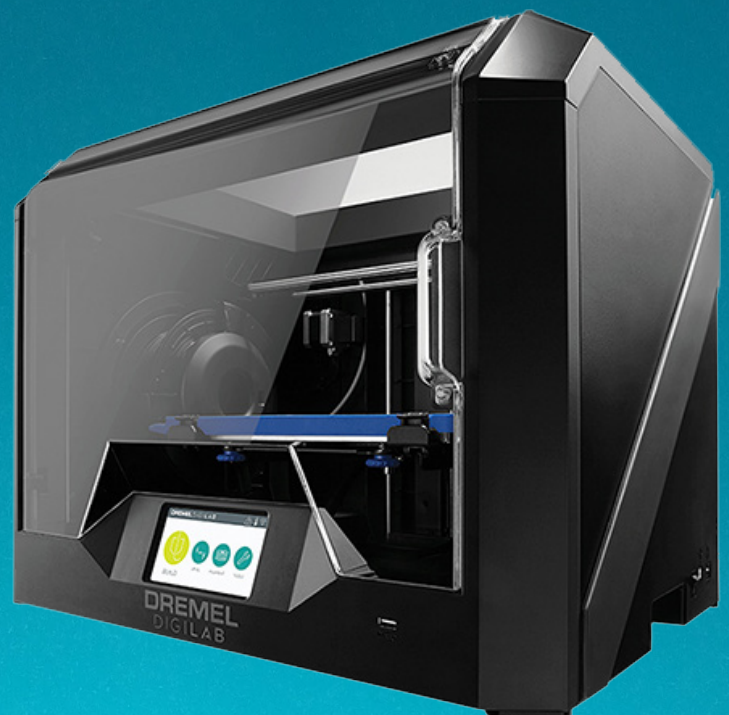
DREMEL

DigiLab 3D45 3D Printer

343087

High performance multi-material 3D printer is packed with features including filament auto-recognition, integrated HD camera, carbon filters, desktop and cloud-based slicing software, remote printer sharing, heated build plate, and more.

CLICK FOR PRICING





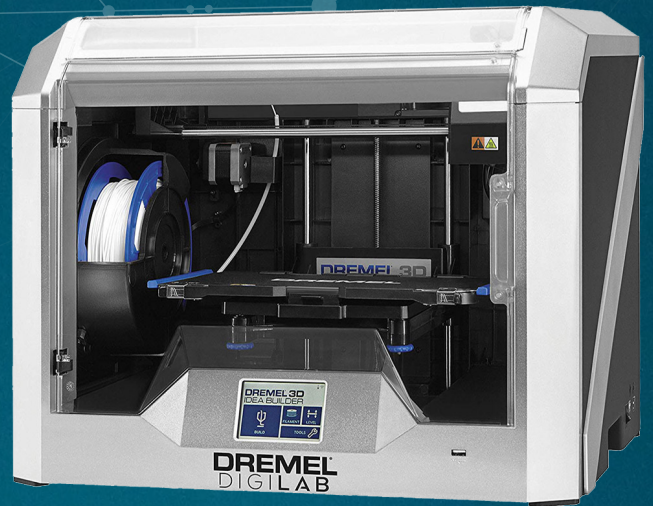
3DOODLER

Create+ Essentials 3D Printing Pen Set

590545

Now with dual drive, the Create+ is re-engineered for an ultra smooth and enhanced Doodling experience. You'll have greater control in fast/slow speeds for different Doodling techniques, more reliable performance with different plastic types, and greater durability.

CLICK FOR PRICING



DREMEL

3D40 Flex EDU 3D Printer with Lesson Plans

343088

Dremel's easiest-to-use 3D printer gets you printing effortlessly. Complete with 3D lesson plans and a professional development course, the Dremel 3D40 FLEX EDU is perfect for your classroom or STEM Makerspace.

CLICK FOR PRICING



3DOODLER

Create+ Learning Pack

590546

Equip your classroom with 3Doodler pens and accessories with the 3Doodler EDU Learning Pack. Includes 1 teacher set, 6 student sets, and 600 strands total of ABS, PLA, and FLEXY plastic strands.

CLICK FOR PRICING



3DOODLER

Start EDU Learning Pack

590531

Includes six 3D pens, lesson plans, classroom materials, accessories, and 600 plastic strands, ready to go as soon as you open the box. An ideal complement for STEM subjects, tactile learning, problem solving, hands-on learning, and more.

CLICK FOR PRICING

ELECTRONICS & KITS



ELENCO

Solder Practice Kit: European Siren Kit

390295

With this complete kit, students will build a flashing European siren, learn good soldering techniques, and become familiar with a variety of electronic components. Includes all electronic parts necessary to assemble the circuit, a printed circuit board, and an instruction sheet.

CLICK FOR PRICING

ELENCO

Practical Soldering Project Kit

390296

Exercises include identifying components, color code reading of resistors, capacitors and inductors, plus desoldering and complete voltage and resistance analysis of circuit. The 163 solder points include standard connections, close tolerance, and tack soldering.

CLICK FOR PRICING



ELENCO

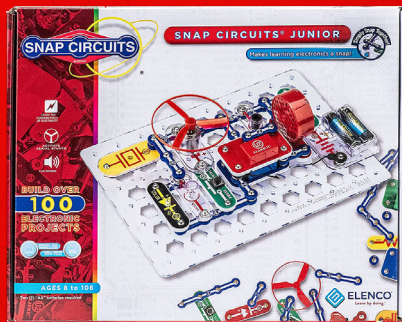
Basic Electronics Parts Kit

390493

The Basic Electronic Parts kit includes a wide variety of basic electronic parts to satisfy almost any training project: LEDs, resistors, capacitors, transistors, inductors, displays, circuits, diodes, trimpots, switches, and more.

CLICK FOR PRICING

ELENCO SNAP CIRCUITS



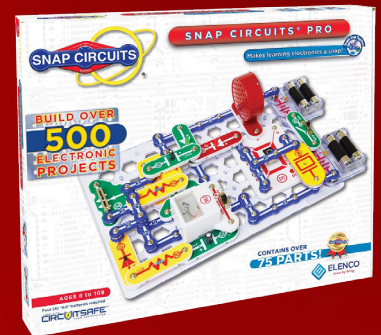
Electronic Snap Circuits Jr.
100 Experiments

390339



Electronic Snap Circuits
300 Experiments

390340



Electronic Snap Circuits
Pro 500 Experiments

390341

Follow the colorful pictures and build exciting projects such as a flying saucer, alarms, doorbells and more! You can even play electronic games with your friends. All parts are mounted on plastic modules and snap together with ease.

CLICK FOR PRICING

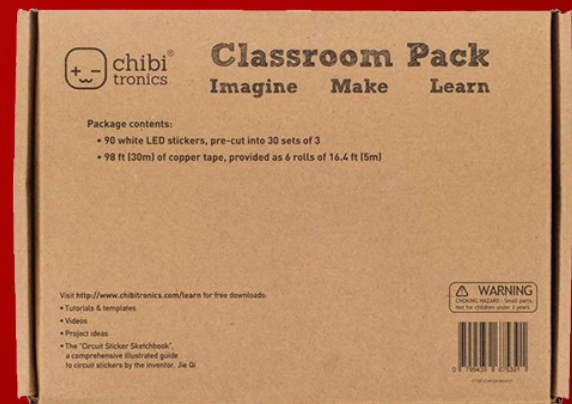


ELENCO

Snap Circuits Discover Coding Kit
390369

Download the Snap Circuits® App and control Snap Circuits® projects using a smartphone or tablet to control lights, sounds, and a motor! This is a great introductory set, using easy graphical coding. More advanced coders can move up to BLOCKLY coding.

CLICK FOR PRICING



CHIBITRONICS

Chibi Lights Circuit Stickers Classroom Pack
301901

A creative and fun way to learn electronics using LED circuits on peel-and-stick stickers. Build circuits without soldering, plugging wires, or clips. Instead, use the stickers with conductive tapes to draw circuits on paper and other crafts and make interactive artwork.

CLICK FOR PRICING



MAKEY MAKEY

Classic Kit

513200 1 Kit

513197 12 Kits

Connect the world around you to your computer! Setup takes just seconds. Make game controllers, musical instruments, and countless inventions. This simple pack is designed for everyone from beginners to experts with art, engineering, and many other projects.

CLICK FOR PRICING



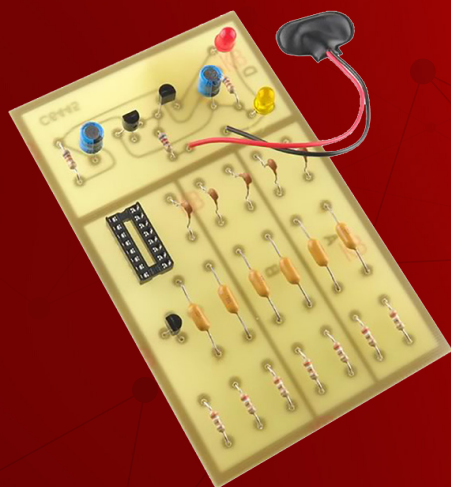
THAMES & KOSMOS

Remote Control Machines

893703

Build motorized vehicles and machines and control them with a wireless remote control unit. Six-button infrared remote controls three motors simultaneously. Assemble 10 models demonstrating ways the motors can be used.

CLICK FOR PRICING



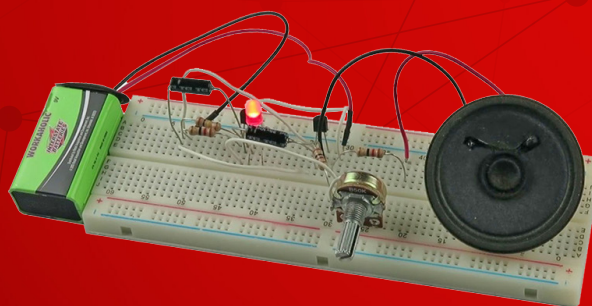
CHANEY

Learn to Solder Kit

300910

Designed for absolute beginners, this kit includes 30 components to provide ample soldering experience. The first 20 components are used to gain experience, while the last 10 components are more functional.

CLICK FOR PRICING



CHANEY

33-In-1 Deluxe Electronic Kit

300945

This exciting breadboard kit requires no soldering or previous electronic experience. Enables any student to build 33 different electronic experiments and activities and can be reused. Includes everything needed and an instruction booklet designed for independent learning.

CLICK FOR PRICING

SPARK FUN MICRO:BIT

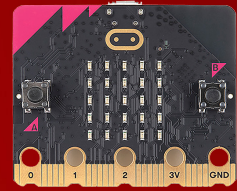


Micro:bit v2 Go Bundle
832716

x10



Micro:bit v2 Club Kit Go Bundle 10-Pack
832717



Micro:bit v2 Board
832715

Get creative with digital technology and create robots, musical instruments, and more. At just half the size of a credit card, the board is equipped with 25 red LED lights, two programmable tactile buttons, and a touch sensitive logo that can control games or pause and skip songs on a playlist.

CLICK FOR PRICING

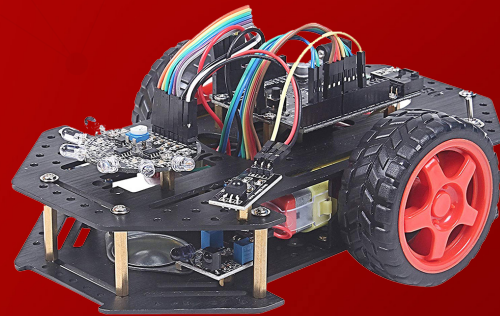


OSEPP

101 Arduino Basics Starter Kit
533310

A great starting point to the wonderful world of Arduino electronics. Step-by-step instructions with diagrams and a large number of parts get students started on projects like Volt meter, LED game, and more.

CLICK FOR PRICING



OSEPP

101 Robotic Basic Starter Kit
615704

This kit comes with everything you need to make your own autonomously operating robot that's smart enough to 'chase' after the brightest light in the room. With this function, you can use a flashlight as your remote! The included booklet has lots of great info, lessons, and codes.

CLICK FOR PRICING

SQUISHY CIRCUITS



Lite Kit
866002



Standard Kit
866001



Deluxe Kit
866000



Group Kit
866008

Squishy Circuits uses conductive and insulating play dough to teach the basics of electrical circuits in a fun, hands-on way. There's no need for breadboards or soldering – just add batteries and premade dough. Light up creations with LED and make noises with buzzers.

CLICK FOR PRICING

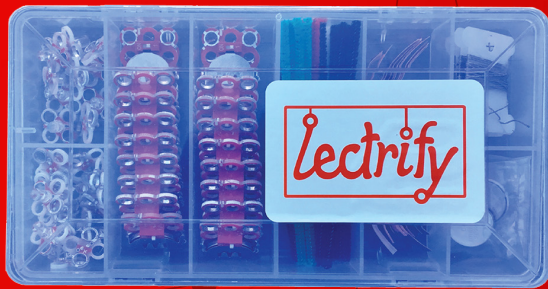


FISCHERTECHNIK

STEM Renewable Energies Education Set
406216

Nine models and 28 experiments are used to demonstrate the production, storage, and use of electricity from natural sources like water, wind, and solar power. Powerful solar models can be attached in different ways for versatile use.

CLICK FOR PRICING



LECTRIFY

Circuit Craft Pack

479006

Learn about simple circuits, conductivity, and resistance while making open-ended circuit crafts. Build infinite projects with embeddable snap-off circuits. This classroom pack has everything you need to create circuit projects with your students.

CLICK FOR PRICING



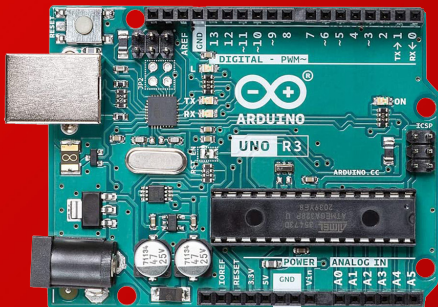
PRIMEX

Clock Movement with Hands

558010

Super-accurate timekeeper. Built-in molded hanger strong enough to hold up to 4 pounds. Fits in a 3" diameter hole.

CLICK FOR PRICING



ARDUINO

Uno Board R3

533300

Arduino Uno is the ideal board for getting started with electronics through fun and engaging hands-on projects. Great for learning the basics of how sensors and actuators work, and an essential tool for rapid prototyping.

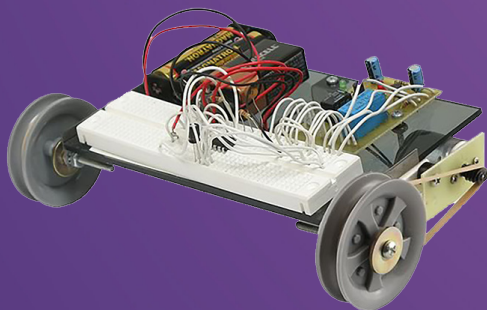
CLICK FOR PRICING



**SO MANY WAYS TO
USE CHIBITRONICS!**

R E A D N O W

ROBOTICS



CHANEY

34-in-1 Deluxe Robotics Exploration Lab

300955

Introduce students to the fundamentals of robotics technology while building 28 robots from one chassis and completing 6 activities. Students start by building a simple robot, then disassemble it to build more complex designs which are remote controlled with infrared vision and object avoidance.

CLICK FOR PRICING

BIRD BRAIN

Finch Robot 2.0 with micro:bit

233720 1 Robot

233721 Classroom Flock

The Finch robot brings computer science to life by providing students from Kindergarten to college with a hands-on representation of their code. Micro:bit features accelerometer, radio, and compass. Finch Robot 2.0 will launch with access to FinchBlox, BirdBlox, MakeCode, Snap!, Python, and Java.

CLICK FOR PRICING



WONDER WORKSHOP

Dash Robot with Class Connect

990010

Wonder Workshop's award-winning Dash robots teach kids 6 and up how to code through hands-on experiences with STEM principles like conditionals, variables, and sequences. There's a Dash app for every age group, learning level, and play style.

CLICK FOR PRICING

OZOBOTS EVO KIT



1 Robot
615114



12 Robots
615112



18 Robots
615113

This 1", desk-friendly robot is packed with tech to bring coding and creativity to your classroom. Teach coding online with OzoBlockly or screen-free with Color Code markers. OzoBlockly has five skill levels from beginner to master coding. Color Codes teach basic CS skills, critical thinking, and debugging.

CLICK FOR PRICING



HUMMINGBIRD

Robotics Bit Premium Kit

233712 1 Kit

233713 4 Kits

Lights, sensors, and motors allow students to build a robot out of any material. This flexible kit can be used to animate a poem, model the human arm, build an autonomous rover, or create a pinball machine. Absolute beginners can build and program a robot in minutes, but continue learning advanced engineering and programming for years.

CLICK FOR PRICING



**MAKING THE MOST
OF EDUCATIONAL
STEM TOYS, TOOLS,
AND ACTIVITIES.**

R E A D N O W

KNEX



Kid Group Set

498723

Big, soft, chunky pieces can be used by students from pre-K to 2nd grade with varying manipulative skills. Build 8 models from cards or create your own creatures using the 131 parts, including 10 eyes and 2 multipurpose ears/wings.

CLICK FOR PRICING

STEM Explorations Vehicle Building Set

498746

With 131 assorted parts and pieces, children can build 7 vehicle models with different power sources!

Instruction manual has ideas and tips to guide students through creating their own structures. Once the models are built, activity sheets provide hands-on, inquiry-based experiments.

CLICK FOR PRICING



Makers Kit

498741

Colorful, durable pieces include classic K'NEX connectors, spacers, and flexible rods. Up to 100 building ideas help students learn STEM concepts, understand how real-world equipment works, promote SEL skills through teamwork and collaboration, and engage cognitive skills and critical thinking.

CLICK FOR PRICING



Classroom Connection

498737

K'NEX rods, connectors, blocks, and special personality parts feature bright colors and are made with premium-quality construction. Pieces are larger and flexibly designed for preschoolers to build up to 23 different models with the 8 included building cards, perfect for young learners.

CLICK FOR PRICING



Intro To Structures: Bridges

498766

Create 13 fully-functioning replicas of real-world bridges. The 207 classic pieces include rods and connectors, to demonstrate key bridge types such as truss, arch, cantilever, beam, suspension, movable/bascule, and cable-stayed. Building instructions and guides are included.

CLICK FOR PRICING



Introduction to Simple Machines: Gears

498764

Kids can build 7 fully-functioning replicas of real-world machines. Easy-to-follow building instructions and a comprehensive teacher's guide are aligned to national educational standards. All lesson plans and experiment guides are written by expert educators and feature hands-on, inquiry-based projects.

CLICK FOR PRICING



Imagine Classic Construction Building Set

498729

Plastic rods and connectors assemble to create working vehicles, animals, moving structures, buildings, and more. This educational toy helps children with STEAM subjects and major development skills such as hand-eye coordination, fine motor skills, problem-solving ability, and spatial awareness.

CLICK FOR PRICING