

## Electronics

### Little bits circuit kit

36781 KT

PIJ

The littleBits Premium Kit is a perfect kit for makers of all ages. This kit was designed for those that crave creativity and includes everything you need to start designing and prototyping your own inventions, including a 9V battery, a custom made screwdriver for fine-tuning, a vibeSnap to attach your vibration motor and an attractive, re-usable case. This Kit also comes with a project booklet that provides easy-to-follow instructions for 10 amazing projects, including the Playful Pet and an update on the classic Piggy Bank. The Premium Kit is a sure-fire way to keep the creativity flowing. Get started with some of favorite modules, like fan and vibration motor.

Applied design, skills and technologies; Electric circuits; Electricity–Experiments; Electronics; Energy; Inquiry-based learning; Physics; Science

LEDs, make noises with buzzers, and spin with the motor.

Applied design, skills and technologies; Electric circuits; Electronics; Science

### MaKey MaKey Kit

37343 KT

IJS

2022

Makey Makey is an invention kit for the 21st century. Turn everyday objects into touchpads and combine them with the internet. It's a simple Invention Kit for Beginners and Experts doing art, engineering, and everything in between: The kit will include a class set of 24 of everything you see above: Makey Makey, Alligator Clips, USB Cable. This is a fabulous way to connect design thinking, coding, and understanding electric circuits. Recommended for classes with moderate digital skills and fine-motor control (grade 4 and up). How Does it Work? Alligator Clip two objects to the Makey Makey board. For example, you and a banana. When you touch the banana, you make a connection, and Makey Makey sends the computer a keyboard message. The computer just thinks Makey Makey is a regular keyboard (or mouse). Therefore it works with all programs and webpages, because all programs and webpages take keyboard and mouse input. Make + Key = Makey Makey!

Applied design, skills and technologies; Electric circuits; Electronics; Science; Electricity

### Squishy Circuits kit

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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 our pre-made doughs (or make your own dough with the provided recipes). Let your creations come to life as you light them up with