Coding and Electronics Products

Learn foundational coding skills.

Help students who are blind and visually impaired learn foundational coding skills, like computational thinking and problem solving, with APH's line of coding and electronics products.
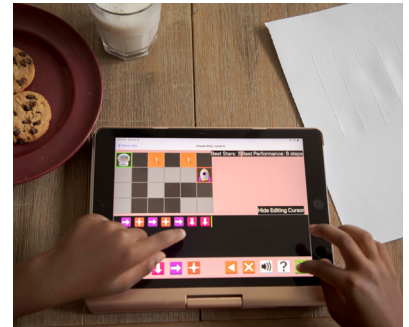
Coding Tools

Accessible Code & Go Mouse

The Accessible Code & Go Mouse provides a hands-on introduction to coding concepts and tactile graphics as students program Colby the mouse to race through the maze toward the cheese. Students will learn problem-solving, critical thinking, if-then logic, O&M skills, route planning, and much more.

CodeQuest (for iPad)

Play CodeQuest and help your astronaut move across a grid-style game board to his spaceship, so that he can explore the galaxy. In each of the game's thirty levels, players start at row 1, column 1, and must program a route for the astronaut to follow to get back to his spaceship while avoiding obstacles. Along the way, players also learn coding concepts such as problem-solving, planning, computational thinking, loops, and sequencing.

Code Jumper™

Originally designed by Microsoft® and developed by APH, Code Jumper teaches computer coding and programming skills through a unique, physical system. Code Jumper technology takes block coding off the screen and puts it on the table in front of you, making it accessible and fun for the whole class. Brightly colored plastic pods with oversized buttons and knobs are connected by "jumper cables" (thick cords) to physically create computer code that can tell stories, music, and even crack jokes.

Electronics

APH has adapted some of the most popular commercially available educational products from Elenco® to be accessible for builders who are blind and visually impaired. Kits are designed for students ages 8 and up and contain parts labeled in braille and accessible project instructions. As students make the projects in our four kits, they will learn about electronics and improve numerous skill sets including the ability to follow step-by-step instructions, braille knowledge, and tactile identification, spatial reasoning, coding, and programming skills.
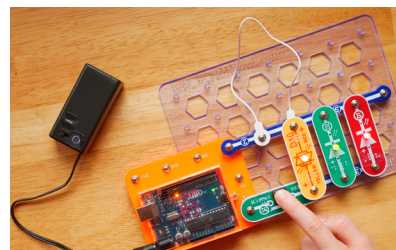
Snap Circuits® Jr. Access Kit

Snap Circuits Jr. teaches children about circuits, current, resistance, switches, motors, and other basic electronic concepts. Create 101 projects and circuits by snapping and connecting layers of plastic parts to the "breadboard" building surface and to the included batteries. Use the instructions to make a flying saucer, light police siren, a touch light, and more!
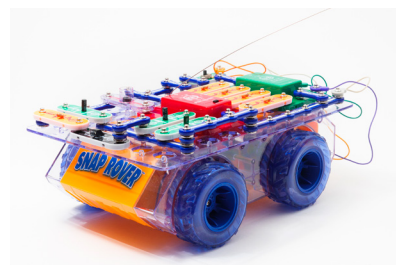
Snapino® Jr. Access Kit

Program your circuits with a mini computer using Snapino! Students can build circuits throughout 20 different projects by connecting the physical components on the breadboard and practice basic coding with the included Arduino board by plugging it into a computer and utilizing free software from the Arduino website.

RC Snap Rover® Access Kit

Make projects that move with RC Snap Rover! Children will learn about electric switches, radio perception, gear movement, Morse Code, and more as they snap together colorful Snap Circuits parts to build an RC Snap Rover that can zoom across any surface with the included wireless remote control. Construct 25 projects like a remote-controlled rover, a light following rover, water detector, and more.

BRIC Structures® Access Kit

Bric-2-snap technology combines the use of ordinary building bricks with Snap Circuits to create circuits and real-world structures that run on electricity. Build 26 fun projects such as a light post, BRIC tower, BRIC bridge, and more with the BRIC Structures Access Kit.

Please visit aph.org to order, to learn more about this product, or to find related products.

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