



***Available for checkout at
the Children's Reference Desk***

Kits can be checked out for one week.

One kit per library card.

No holds or renewals.

Please return kits to the Children's Reference Desk.

**Ela Area Public Library
275 Mohawk Trail
Lake Zurich, IL 60047
847-438-3433
www.eapl.org**

revised 7/16/17

BB-8 (ages 8 and up)

**Required iOS or Android controlled system*

BB-8 has something unlike any other robot - an adaptive personality that changes as you play. Based on your interactions, BB-8 will show a range of expressions and even perk up when you give voice commands. Set it to patrol and watch your Droid explore autonomously or make up your own adventure and guide BB-8 yourself.

Bee Bot (ages 3 and up)

Bee-Bot is a little robot that remembers up to 40 instructions and is designed for use by young children. It is easily programmed by pressing the directional buttons on its back. It's a perfect tool for teaching sequencing, estimation, problem-solving, and having fun.

Code-a-Pillar (ages 3-8)

Code-a-Pillar™ inspires little learners to be big thinkers by encouraging preschoolers to arrange (and rearrange) the easy-to-connect segments in endless combinations, sending Code-a-Pillar™ on his path. This learning toy encourages experimentation while developing important skills like problem solving, planning & sequencing and critical thinking. There's no end to the combinations kids can make – mix up the segments and put them back together to send Code-a-Pillar™ in a different direction every time!

Cubelets (ages 4 and up)

The advanced technology inside Cubelets makes robot construction remarkably easy. In fact, there's no wrong way to build a robot because Cubelets automatically route power and data where needed, freeing you to invent with creative abandon. The included Brick Adapters connect to your favorite Lego systems bringing motion and life to the toys you already own.

littleBits Base, Premium, and Deluxe (ages 8 and up)

littleBits modules are tiny circuit-boards with simple, unique functions (light, sound, sensors, buttons, thresholds, pulse, motors, etc.) that are engineered to snap together with magnets. No soldering, no wiring, no programming. littleBits modules are powerfully small, intuitive, blocks that make creating with sophisticated electronics a snap.

MaKey MaKey (ages 8 and up)

****Required computer***

The MaKey MaKey uses a USB cord to connect its circuit board to your computer. The circuit board takes over the functionality of certain keys on your keyboard or mouse, like the space bar or the mouse click. That is where the fun begins. Using alligator clips you can connect the space bar function of the MaKey MaKey controller to the end of a banana, or a pencil, or a piece of Play-Doh, and make that object the keyboard or mouse input. Just touch your “banana” and you control the functionality of the space bar on the computer. Visit their website to find some cool applications and let your creativity run wild!

Ollie and Ollie Darkside (ages 8 and up)

****Required iOS or Android controlled system***

Ollie is an app-enabled robot engineered for speed, programmed for tricks and customized by you. Ollie is awesomely agile thanks to its tubular design. Spin, drift, and flip with app-powered tricks. Build your own courses and jumps, master your skills, create custom trick combinations and design multiplayer games with friends.

Ozobot and Ozobot Competition (ages 6 and up)

Ozobot is a powerful tiny robot that teaches STEM and computer science learning through a collection of game based activities and digital apps. Its easy-to-understand color code language makes Ozobot the perfect choice for introducing young minds to concepts that are vital to their success in the 21st century.

Puzzlets (ages 6-10)

****Required iPad or Android tablet***

Puzzlets combines hands-on play with interactive gaming to form one seamless experience, engaging the mind and teaching the player new ways of thinking. Using the tray, a child assembles various puzzle pieces to move one of three characters in the game and complete each level. Puzzlets then connects wirelessly to a personal device like an iPad or Android tablet.

Sphero 2.0 (ages 8 and up)

****Required iOS or Android controlled system***

Sphero is a robotic ball gaming device that you control with a tilt, touch, or swing of your smartphone or tablet. Compatible with both iOS and Android, Sphero delivers a unique mixed-reality experience. Draw a shape and Sphero will follow the path. Control Sphero by tilting your tablet back and forth. Swing your smartphone like a golf club and Sphero will be the golf ball. With every new app you download, you'll experience this robotic ball in a new and fun way.

SPRK+ (ages 8 and up)

****Required iOS or Android controlled system***

Designed to inspire curiosity, creativity, and invention through connected play and coding, SPRK+ is far more than just a robot. Powered by the Sphero Edu app, you can easily learn programming, complete hands-on activities, and share your creations with the community. Navigate a maze. Program a painting. Mimic the solar system. Swim across the water. Have a dance party... The only limit is your imagination.

Squishy Circuits (ages 5 and up)

Explore electronics and create circuits using a fun and familiar form of dough. Just mix according to the included recipe card, add some batteries, and soon you'll be lighting LEDs, making noise, and running motors by simply plugging them into the conductive dough.

Stikbot Action Figures (ages 4 and up)

****Required iOS or Android controlled system***

Stikbot's special ability to twist and move in addition to his sticky suction cup hands and feet makes stop-motion animation quick and easy: just snap, pose and repeat! And with a sound effect and music library built into the app, you become the moviemaker!