



## Robots on the Go

Library staff will visit you and your classroom, or you can meet with staff to review the Robots on the Go kit for check-out to use in your classroom on your own. We aren't experts, but we want to share what we know and have available. These devices are easy to use. We suggest breaking up each class into small groups to let students have fun trying each of the different styles of robots.

**Cubelets** – <http://www.modrobotics.com/cubelets> (58 various cubes) Cubelets are modular robots that connect magnetically. Cubes perform different functions, for instance the battery bot provides power, roller bots provide movement, bluetooth cubes provide a robot-to-tablet connection, and so on. Cubes can be connected for free-form robot creations, or the kit provides instructions for several robot creations.

**Ozobots** – <http://ozobot.com> (Two bots) Ozobots follow lines and read code drawn with markers, or pre-printed colored pathways. The bots use light sensors to detect changes in the pathway colors, which in turn create bot functions – speed, turns, jumps, stops, etc.

**Sphero** – <http://www.sphero.com/sphero> (Two Bots) Spheros are spherical bots that move much like BB-8 from Star Wars. They are controlled using downloaded apps on either a tablet or cell phone.

**MakeyMakey** – <http://www.makeymakey.com> (One) MakeyMakey is a circuit board that connects by USB to a computer. It can take the place of a mouse or key board and can be operated using fun materials like bananas or playdough; you can even build a Dance Dance Revolution board out of duct tape and foil.

**Little Bits** – <https://littlebits.cc> (10 piece kit and Deluxe Kit) Little Bits is another modular robotics set. This set provides modular options for building, including functioning lights, buzzers, and other wired inventions.

**Two Tablets** – The Robots on the Go kit includes two tablets equipped with downloaded apps to control or enhance your creative play with many of our robots.