

## Kits from IFLS and WVLS to Help You Build a Better World:



### Cubelets Kit

Cubelets are designed to allow people to experiment with creating simple robots. Recommended for ages 5 and up. (IFLS KITS)



### Lego WeDo Kit

Build LEGO models using motors and sensors, program the models using software, and watch them go! (includes LEGO pieces and Chromebook) (IFLS KITS)

### Makey-Makey

An invention kit for the 21st -Century! You can turn everyday items into touch pads and combine them with the Internet to do cool things. Learn about circuits, coding, and more! (IFLS KITS)



### Baking Extravaganza: Cake and Cookies Kit

Build fantastic baked creations with these specialty baking pans and frosting tips. (IFLS Kits)



### Let's Pretend Early Childhood Play Kit (Created with IMLS funds)

Magnetic vehicles, tools, wooden food for lots of fun exploration and play around building and making things. (IFLS KITS)

### Build It Early Childhood Play Kit (Created with IMLS funds)

Bristle Blocks, Duplo Blocks, and Crystal Climbers allow young kids to build their own creations. (IFLS KITS)



### Early Childhood iPad Kit (Created with IMLS funds)

Loaded with apps good for young children, including some related to engineering. Now also includes Osmo, to allow for building things hands-on and then interacting on the tablet. (IFLS KITS)



### **Goldie Blox and the Dunk Tank**

As kids read along, they help Goldie build a dunk tank (and learn about hinges and levers) to get her dog clean so everyone can go to the carnival on time. Builds spatial skills, engineering principles (hinges and levers) and confidence in problem-solving. Ages 4-9 (WVLS KITS)

### **Gravity Maze**

A marble run and logic puzzle all in one. Age: 8 and Up 60 challenges ranging from beginner to expert. This game is just as fun for a single player as it is for small groups. There is more than one available—you could have group time challenges. (WVLS KITS)



### **Lego Mindstorms Set with expansion set**

Create and command robots that walk, talk, think and do anything you can imagine. Includes over 600 Legos. (WVLS KITS)



### **Magna-Tiles 100 Piece Set**

Tactile, colorful translucent Magna-Tiles are sized just right and easy to use, whether creating designs on a flat surface or building in 3-D. Use them for guided activities or hours of open-ended fun and exploration. (WVLS KITS)



### **MakerStudio Gears**

Make a race car, a cable car, a three-wheeler, a motorcycle or use your imagination to build something all your own. Features gears and comes with essential engineering parts. Ages 7-adult. (WVLS KITS)

### **MakerStudio Winches**

Make a tow truck, a jeep, a well and a crane or use your imagination to build something all your own This set features winches and comes with essential engineering parts including a tow-hook, a spool, connectors, gears, wheels, rods, and hub caps. Ages 7-adult. (WVLS KITS)

### **Roominate Estate \* Roominate Townhouse \* Roominate Village**

Construct and customize dwellings for dolls with modular building pieces and circuits. Ages 6 -11. (WVLS KITS)



### **Wind Power Electricity Generating Turbines**

Build wind-powered generators to energize your electric vehicles and charge your rechargeable batteries! Kit includes two styles of wind turbine blades and a gearbox with three different gear ratios for experimenting. Ages 8 + (WVLS KITS)

