

JEFFERS LEARNING RESOURCES CENTER

Assistive Technology: Learning

1. LittleBits Base Kit (10 Bits modules) AND Little Bits Premium Kit (14 Bits modules):



LittleBits easy to use electronic building blocks make creative discovery and invention intuitive for the next-generation thinkers, designers, and makers. No programming, soldering or wiring required. Bits are color-coded and snap together with magnets to create circuits instantly. Each module has a specific function and all modules snap together to make larger circuits. Building circuits is simple and intuitive, allowing anyone to create inventions large and small in a matter of seconds.

*Base kit includes: battery and cable, dimmer, bar graph, light sensor, button, DC motor, buzzer, bright LED, and wire (2x)

*Premium kit includes: battery and cable, sound trigger, slide dimmer, pulse, roller switch, pressure sensor, vibration motor, wire (2x), branch, servo motor, long LED (x2), and fan

How does it work? <https://www.youtube.com/watch?v=6USwUexyXBg>

2. Merge Cube:



Meet the Merge Cube, the world's first holographic object you can hold in the palm of your hand. Our award-winning holographic cube gives you the power to control holograms! You can play, learn, and explore in magical new ways. Just download apps using your tablet or smartphone, view the cube through your device's camera, and watch the Merge Cube come to life as it transforms into anything you can imagine!

Super power your experience by selecting the optional Virtual Reality mode, then slide your smartphone into virtual reality goggles to completely immerse yourself in holographic worlds. It's virtual reality, augmented reality, and mixed reality in one -- It's Merge Reality!

How does it work? <https://www.youtube.com/watch?v=dK7kPiknrBY>

3. Osmo:



- **OSMO IS MAGIC:** Fun-filled and award-winning learning games. Children interact with actual hand-held pieces and an iPad, bringing a child's game pieces and actions to life (No WiFi necessary for game play). An Osmo Base is included, an iPad is not included, both are required for game play.
- **TEACHING:** 7 games included- 2 family friendly games. Solve equations to get past bothersome bugs and collect all of the honey in the garden, 20+ levels (Math Buzz).
- Build words with letters and collect creatures as a team by matching descriptions, exploring 40+ levels (Lettertopia)! Arrange puzzle pieces to match on-screen shapes (Tangram), solve creative physics puzzles by drawing lines or placing items in front of the screen (Newton), learn to draw anything with creative drawing skills (Masterpiece), add, count, and multiply tiles to pop the number bubbles (Numbers), learn spelling and vocabulary with on-screen images (Words).
- **SKILLS LEARNED:** Collaborative learning, visual problem-solving skills, puzzles, math (addition, subtraction, multiplication, counting), spelling, word comprehension, social-emotional skills, gain listening skills, learn physics, freehand drawing, creative problem-solving, improve spelling and vocabulary. Osmo sees and reacts to every real-life move. Geared towards children and love of learning.
- **AGE & CAPABILITY:** Ages 6-10+. Games are designed for beginner to expert levels. Osmo enables the continuation of learning. Real-time

audio and visual feedback allows children to learn through experimentation in a stress-free environment.

- **WHAT'S IN THE BOX:** Osmo Base and Reflector for iPad, Tangram pieces, Numbers tiles, Words tiles, Stackable storage for each game and 7 Game Apps: Math Buzz, Lettertopia, Numbers, Tangram, Words, Newton, and Masterpiece.
- **COMPATABILITY FOR IPAD:** All iPads except Generation 1, iPad Pro 11-inch and iPad Pro 12.9-inch. The minimum iOS version needed is iOS 9.

How does it work? <https://www.youtube.com/watch?v=7ldgFD5uco0>

- Pre-loaded with over 23 games, 120 video clips, songs and music videos
- Case is made with silicone

How does it work? <https://www.youtube.com/watch?v=3PKLE6mAPLg>

4. Simple Stopwatch by Learning Resources:



On your mark...get set...go! Great for races, games, and other timed activities. This stopwatch is easy to use, making it perfect for both children and adults.

- Features only 3 buttons—green for go, red for stop, and yellow for clear
- Supports science investigations, timed math exercises, elapsed time tracking and a variety of classroom management needs
- Shows minutes, seconds and 1/100 seconds on an easy-to-read

display

- Measures 3"H
- Requires one 1.5V button-cell battery, included
- Ages 5+

5. Sky Wi-Fi Smartpen by Livescribe:



Record everything you write and hear. Tap anywhere on your notes to replay the audio from that moment in time. Automatically, your recorded notes and audio are wirelessly sent and securely stored in your Evernote account. Your exclusive Livescribe plan for Evernote includes 500MB of additional upload capacity for smartpen notes and audio. Using Evernote,

quickly search and share your lectures, meetings and ideas any time on nearly any device. Simply tap on your notes in Evernote and interactive versions of your pencasts play back within Livescribe Player.

How does it work? <https://www.youtube.com/watch?v=Asj0qOY1dkI>