

JEFFERS LEARNING RESOURCES CENTER

Assistive Technology: Learning

1. **Google Home:** Google Home brings the Google Assistant app that fits in anywhere. You can now make hands-free calls to the US and Canada through your Google Home device. Answers questions about the latest weather, traffic, driving directions, store hours, flight information, finance, sports and more. Manages everyday tasks, sets alarms, starts timers, adds items to your shopping list. Plays music from YouTube Music and Google Play Music or streams audio directly from your phone. Streams videos to your TV with Chromecast. Adjusts your home's Nest thermostat.

How does it work? <https://www.youtube.com/watch?v=1cpUwbr5YyE>

2. **Intelliglobe:** The Intellipen uses an infrared scanner to read microscopic symbols on the Intelliglobe. Touch the wireless Intellipen to the globe to play games, explore, and discover amazing educational facts about the world. The Intelliglobe is the most advanced globe featuring thousands of facts in 4 different languages: English, Spanish, French & German. Information for the Intelliglobe can be updated through the Replogle Globes website.

How does it work? <https://www.youtube.com/watch?v=57TIbO1cneE>

3. **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 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, bargraph, 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>

4. 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>

5. Money Calculator by PCI Education: This is a unique Money Calculator and Traditional Calculator in One! A traditional calculator that could also function as a money-math calculator by showing the dollar signs and the ending zeros on money computations. This calculator lets students see how money-math problems are worked.

MoneyCalc Mode: Money amounts are always displayed with the dollar sign and ending zeros. Thus, five dollars is displayed on the screen as "\$5.00," unlike a traditional calculator that just displays "5." Money-math computations are visually concrete as each number entered is displayed in this same, easy-to-understand way (e.g., "\$2.00 + \$1.50 = \$3.50").

Calc Mode: Allows the device to be used as a traditional calculator for working math problems that do not involve money.

6. Osmo: OSMO IS MAGIC: Fun-filled & award winning learning games. Children interact with actual hand held pieces & an iPad, bringing a child's game pieces & 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 & collect all of the honey in the garden, 20+ levels (Math Buzz).

- Build words with letters & 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 & multiply tiles to pop the number bubbles (Numbers), learn spelling & 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 & vocabulary. Osmo sees and reacts to every real-life move. Geared towards children & 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 lets children learn through experimentation in a stress-free environment.
- **WHAT'S IN THE BOX:** Osmo Base & Reflector for iPad, Tangram pieces, Numbers tiles, Words tiles, Stackable storage for each game & 7 Game Apps: Math Buzz, Lettertopia, Numbers, Tangram, Words, Newton, and Masterpiece.
- **COMPATIBILITY 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>

7. PBS Playtime Tablet: The PBS KIDS 7" HD Playtime Kid-Safe Tablet with Android 6.0, PBSKD12, comes pre-loaded with over 23 games, including 120 video clips, songs and music videos, plus a variety of educational games and content that teaches reading, math and more. Parental controls let you manage and customize your child's experience. The silicone case of the PBS kids' tablet and the ergonomic design provide increased durability and a secure grip. With Google Play, you can access over one million apps and games as well as thousands of movies, books, songs, TV shows and magazines. The educational tablet has a bright color scheme that

makes it easy to locate when it's time to play. This item is just the right size for kids to hold onto and use as they learn and grow.

PBS Kids 7" HD Educational Playtime Kid-Safe Tablet with Android 6.0, PBSKD12:

- 7" touchscreen
- PBS kids' tablet has a 1.30GHz quad-core processor
- 16GB of storage memory
- 1GB RAM
- Google Android 6.0 (Marshmallow) OS
- Webcams and WiFi
- Pre-loaded with over 23 games, including 120 video clips, songs and music videos
- Case is made with silicone

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

8. 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+

9. 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>