

## ***JEFFERS LEARNING RESOURCES CENTER***

### **Assistive Technology: Vision**

1. **Braille Blocks by Uncle Goose:** An educational toy for those who want to learn to use Braille to communicate. Use your fingertips to trace the clean, European-style font that accompanies every Braille letter. Feel the attention to detail in every hand-crafted cube. This set features the Uncle Goose Classic ABC color palette. Uncle Goose strategically devoted one letter to each block. This means you'll discover the same Braille letter debossed on two sides of every block. One debossed side is paired with its font equivalent. We chose a font without serifs to enhance tactile clarity. The other embossed side is Braille only.

2. **Handheld Video Magnifier by ZOOMAX:** This pocket-size electronic video magnifier is designed for people on the go! With a large 3.5" viewing screen the Butterfly is perfect for reading price labels, restaurant menus, medicine bottles, receipts and more! And because it is small and only weighs 0.25lbs it will easily fit in a pocket or purse so you can take it everywhere you go. Regain your independence outside your home with this convenient little travel companion!

*How does it work?* \* Instruction manual included\*

3. **SenseView personal magnifier:** The SenseView PORTABLE handheld video magnifier is one of the most popular reading magnifiers in the world for the visually impaired. SenseView PORTABLE helps the elderly and people suffering from macular degeneration or other visual impairments read small text.

*How does it work?* [https://www.youtube.com/watch?v=4qFBxg6t6\\_k](https://www.youtube.com/watch?v=4qFBxg6t6_k)

4. **Smart Beetle by HIMS:** Smart Beetle is a 14-cell Braille display that brings the world to your fingertips. It's the lightest, most portable Braille display available. Take it with you to school, to work or on vacation and have reliable, discrete access to all of your mobile devices and personal computer systems. Connect to your phone, tablet, work computer, home

computer and more — No unnecessary pairing or re-pairing to your Bluetooth devices required. Smart Beetle remembers five Bluetooth devices and offers a USB 2.0 connection for a sixth. Smart Beetle will connect as a Braille terminal with screen readers including JAWS, Window-Eyes, SuperNova, System Access, Voice-Over for Mac and iOS, BrailleBack for Android, Mobile Speak, and TALKS. Using Braille and speech together provides even more options for you to navigate various document types and formats. Use the Smart Beetle's Perkins-style keyboard to emulate all the functions of a QWERTY keyboard. This eliminates translation problems with mobile devices and gets rid of the sluggishness experienced with other Braille displays and mobile devices.

*How does it work?* Detailed instruction manual included.

**5. Talking Calculator (LRC has 2):** The Big Number Talking Desktop Calculator features a large 8-digit LCD screen with numbers measuring 5/8 inch (13 mm) high making it great for low vision users. With a clear female voice, the talking calculator will speak single digits or units and whole integers. Comes with an adjustable volume control, auto power shut-off and a repeat key. The calculator will perform automatic constant calculations for 4 basic functions, along with percentage and power calculations.

**6. Video Magnifying Mouse- Monomouse:** The MonoMouse is perfect for reading newspapers, magazines, books, prescription bottles, cooking instructions, food labels, bills, statements and much more. Installation is easy, just plug the MonoMouse into any regular television, switch it on and enjoy reading even the smallest text as a large, sharp image on your screen. Operation couldn't be easier because you only need to switch your television to the video channel and press the large blue button on the MonoMouse. That's it, no other cables, connectors, switches or anything to worry about.

*How does it work?* <https://www.youtube.com/watch?v=D89eYwuQFX8>

**7. Zoomy handheld digital microscope by Learning Resources:** Amazing all-in-one digital microscope takes scientific inquiry to a new level—yet is easy for even a young child to use. Hold the hand-friendly scope over an object, turn the top to focus, and then press the single control button to take videos or still images up to 43x magnification. Supports students as they

record observations and investigations. This is great for lab reports, presentations and authentic assessment for digital portfolios. Sharply detailed images enrich whole-class and individual explorations. Use with your computer, projector or interactive whiteboard.

*How does it work?* <https://www.youtube.com/watch?v=T4YFRQrc1jg>