

**APH Products and Services
for the**

**38th Annual CSUN Assistive
Technology Conference
2023 Conference**



**AMERICAN
PRINTING
HOUSE** 

Braille Solutions

Monarch™

APH, HumanWare, and NFB have partnered to develop the Monarch, formally referred to as the DTD, a self-contained standalone tactile tablet capable of running a multitude of apps optimized for enhancing the efficiency of a blind or low vision user. This device will also be capable of rendering multiple lines of braille and tactile graphics on the same tactile surface, which in turn will skyrocket braille literacy, efficiency, and accessibility. This tool will help level the playing field for students, enabling them to receive braille instructional materials at the touch of a download button instead of waiting weeks or months for embossed braille textbooks to be transcribed and shipped. To receive the latest announcements regarding APH's Dynamic Tactile Device, please sign up for our [Mailing List](#).

In addition to running its own apps, APH and HumanWare will be working with strategic partners to utilize an SDK being developed, beginning in 2024 to create apps and experiences we haven't yet thought of. If your organization is interested in developing for this exciting tool, please contact the team at DTD@aph.org.



Braille Solutions

Polly

Created in partnership with ThinkerBell Labs, Polly is an electronic Wi-Fi enabled braille learning device that teaches reading, typing, writing, vocabulary, and spelling in both contracted and uncontracted braille.

This device includes a Perkins-style keyboard, an electronic slate, a speaker for instruction and feedback, and an online teacher portal that allows remote access and progress monitoring for educators/parents. Stay in the loop about all things Polly, by joining our [Wait List](#) - be the first to know when Polly is available for purchase!

Mantis™ Q40

No longer choose between a keyboard or a braille display! The [Mantis Q40](#) has a refreshable braille display of 40-cells below its full QWERTY keyboard, providing the convenience of a keyboard with the precision of braille. Connect other devices via USB or Bluetooth®, or use the Mantis by itself to read books, edit and manage files, check the date and time, and make basic mathematical calculations.

Chameleon™ 20

Developed specifically for education, with students in mind, the [Chameleon 20's](#) 20-cell refreshable braille display and Perkins-style keyboard provides a comfortable reading and writing experience. Use as a stand-alone notetaker, or as a braille display to edit assignments on the computer. 2.0 Software Update includes text-to-speech (TTS) in English and Spanish!

View our [Refreshable Braille Comparison Chart](#) to find out which refreshable braille display is right for you.

Accessible STEM

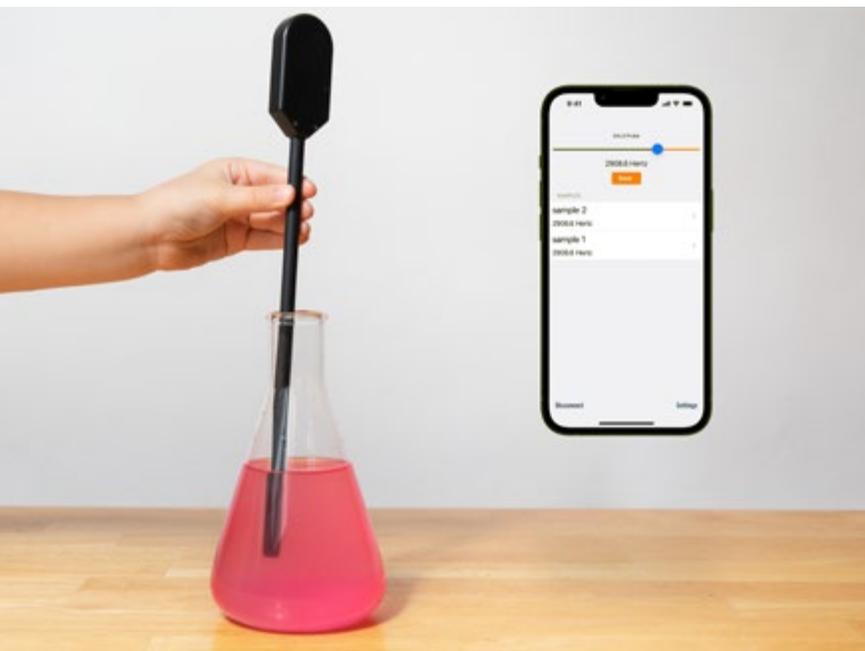
Code Jumper™

Originally designed by Microsoft® and developed by APH, [Code Jumper](#) teaches computer coding and programming skills through a unique, physical system. Code Jumper technology takes block coding off the screen and puts it on the table in front of you, making it accessible and fun for the whole class. Brightly colored plastic pods with oversized buttons and knobs are connected by “jumper cables” (thick cords) to physically create computer code that can tell stories, music, and even crack jokes.

Code Jumper gets eight new, “choose your own adventure” type puzzles! Join CJ, a cat-like alien, as they adventure across these exciting puzzles to learn more about Earth. The adventures incorporate coding activities such as: algorithms, loops, sequences, constants, and more. [Download Code Jumper Puzzles for free!](#)

Submersible Audio Light Sensor (SALS)

This device makes science activities more accessible than ever! [SALS](#) has a plastic-covered glass tube with a rectangular box on one end. The tip of the glass tube detects light, and the box converts light to a tone and sends the signal to an app (compatible with an iOS® or Android® device and MATT Connect™). Changes in tone notify the user that a chemical reaction has taken place or can help them identify objects of different colors or shades of gray.



Magnify Your World

Juno

The [Juno](#) is a great magnifying solution for use during work and recreational activities. Juno can capture and process multiple pages of printed text using Optical Character Recognition (OCR), giving users the option to read the document themselves on a 7-inch LCD touchscreen or have the text spoken aloud using text-to-speech (TTS). Plus, Juno's 180-degree rotating barrel camera supports four camera modes (self-view, reading-view, distance-view, and writing/hobby-view), enabling users to complete grooming tasks, view documents, read a bulletin board, fill out a form, sew, and much more!



Other Showcase Products

LEGO® Braille Bricks

The LEGO Braille Bricks concept is a playful methodology that teaches Braille to children who are blind or have a visual impairment.

Each colorful LEGO brick is molded with studs that correspond to numbers and letters in the braille alphabet and has a corresponding printed symbol or letter. This is a fun and engaging way to teach young children braille! Complete the request form linked to this description and receive [LEGO Braille Bricks](#) for free!



APH Press

The [APH Press](#) carries on the legacy of AFB Press as the leading publisher in the field of blindness and visual impairment. APH Press publishes educational content, including textbooks for teacher preparatory programs, in the field of blindness and visual impairment to support teachers, families, and other professionals. A recent release includes:

- [Access Technology for Blind and Low Vision Accessibility](#): emphasizes opportunities for independence, leadership, and timely access to information for people who are blind or low vision. Access Technology is a follow-up to the 2008 edition edition that gives an overview of currently available technologies and tools and presents a new process for technology evaluation that ensures every student is supported to build the toolbox they need to break down barriers to access. Rather than using pre-determined checklists to evaluate technology skills, authors Yue-Ting Siu and Ike Presley present an inquiry-based approach for identifying needs related to individual instruction, advocacy for accessible formats, and how to achieve equity in information-rich environments.





Welcome to the [APH ConnectCenter](#)! This website offers FREE curated advice and resources to assist children, parents, adults, and job seekers who are blind or low vision, and their associated professionals. Through this website, you are able to access these ConnectCenter resources and much more:

- [FamilyConnect](#): Offers support and resources for families of children who are blind or low vision.
- [CareerConnect](#): Employment information, tools, and guidance for job seekers who are blind or low vision.
- [VisionAware](#): Designed for adults and seniors who are living with vision loss.
- ConnectCalendar: For use by the entire blindness field to find and promote events, all in one place. [Promote and share](#) your organization's event by adding it to the Calendar or [discover upcoming events](#).
- [APH ConnectCenter Transition Hub](#): Planning for graduation and life after school brings up a lot of questions. Find information about transition programs that emphasize empowerment, career exploration, and work experiences for teens and young adults who are blind or low vision.

Have questions related to blindness or vision loss? Call APH's Information & Referral Hotline: (800) 232-5463 or e-mail us at connectcenter@aph.org.



Services/Resources

APH Hive

Buzz over to the [APH Hive](#), APH's FREE eLearning platform for educators and families that can be accessed at any time from the comfort of your home or office. With a growing course catalog covering categories like Early Childhood, Expanded Core Curriculum, and more, we want to give you the tools you need to support students. All you have to do is sign up, watch the course content at your leisure, and complete the follow up assignment to get your certificate for ACVREP credit! [Register and get started today.](#)

Outreach Services

[APH's Outreach Services](#) team strives to increase awareness about the many resources and services offered by APH. These include, but are not limited to, the following: distance learning and statewide/nationwide training opportunities; exhibits and presentations at regional, statewide, and national conferences; expanded core curriculum academies/professional learning communities, and parent and family training opportunities. Outreach Services consists of three branches:

- Outreach Specialists for regional support.
- APH Hive for professional development.
- Census for the federal quota program.

APH continues to expand its reach through our strategically placed Regional Specialists. Regional Specialists meet the unique needs of EOTs, professionals, families, and other service providers working with students who are blind or low vision by providing tailored support to communities. These experienced professionals are charged with sharing craft knowledge across the field, building local networks of support, assisting with APH products and services, and facilitating solutions. Regional Specialists are available to provide support at conferences, regional Braille Challenges, colleges/universities, public and private schools, rehabilitation centers and more.

Services/Resources

As part of APH's ongoing goal to provide regional support, we are working towards establishing regional centers for assistive technology training. The first established regional partnership, the Center for Assistive Technology Training (CATT), is a collaboration between APH and the Alabama Institute for the Deaf and Blind (AIDB). Our team is here to build, train, and support our field and all those working for our students' success.

Contact us at outreach@aph.org.





**Thank
You for
Supporting
APH**

As a not-for-profit, 501(c)(3) organization, APH values our thoughtful, informed donors who ensure that we are able to serve a growing population of people of all ages who are blind or low vision – across the nation and around the world. Our programs, initiatives, services, and products empower people with vision loss to live as independently as possible. Your contribution makes that happen. You are a part of the APH community – and we are truly grateful for your partnership. Please donate at bit.ly/donateaph or contact the APH Development Department by phone at 502-899-2351 or email at development@aph.org.



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