APH Products and Services
for the
American Council of the Blind (ACB)
2022 Conference

AMERICAN PRINTING HOUSE

Mantis™ Q4Ø

Keep braille at your fingertips anytime, anywhere with the [Mantis Q4Ø](#), a Bluetooth® keyboard and 4Ø-cell refreshable braille display. With the Mantis, users no longer need to choose between a keyboard or a braille device — at the same time a student or professional is typing on the Mantis, the refreshable braille below the keyboard is providing a multimodal braille complement to the screen reader, making it easier to participate in, and succeed at, school or work. Connect to 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. Learn more about the Mantis by checking out this [video](#)!

Braille Solutions

Chameleon™ 2Ø

Developed specifically for education, with teachers and school-age children in mind; the Chameleon 2Ø enhances the classroom experience through innovation with a fun, positive technology experience that reinforces the joys of reading and writing. This sleek, 2Ø-cell refreshable braille display with a Perkins-style keyboard connects to multiple devices via Bluetooth®, and includes an editor, book reader, calculator, clock, and file manager so the device can also be used as a stand-alone notetaker.

BrailleBlaster™

BrailleBlaster is a free transcription program developed by APH. This software allows transcribers the ability to provide students with low vision or vision loss with braille textbooks on the first day of class. Download BrailleBlaster for free today!

Polly – Coming Soon

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!

Braille Embossers

PixBlaster™

The PixBlaster combines tactile graphics with braille text. This embosser allows users to easily produce double-sided interpoint braille with smooth, rounded dots for improved readability along with industry-leading, high-quality tactile graphics with seven variable dot heights for color representation. Connect to Wi-Fi to translate and emboss documents on the fly from your computer or mobile device using the included PIXie box.

PageBlaster™

APH and HumanWare have partnered to produce a portable and powerful braille embosser ·with a tractor-fed design that provides smooth paper handling and produces double-sided interpoint braille. Use PageBlaster to emboss PRN files from APH's Tactile Graphics Image Library or create your own using the included Firebird tactile graphics software.

Low-Vision Solutions

Juno

Magnify on-the-go with this powerful, 7-inch LCD touchscreen handheld video magnifier with Optical Character Recognition (OCR). Designed to accommodate the needs of students and adults with low vision, Juno is a great magnifying solution for use during work and recreational activities. Juno can capture and process multiple pages of printed text using OCR, giving users the option to either read the document themselves or have the text spoken aloud using text-to-speech (TTS). Plus, Juno's 18Ø-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! Learn more about Juno's full suite of features in our Juno Portable Magnifier video and by reading our Magnification Rocks with Juno blog.

Low-Vision Solutions

Jupiter Portable Magnifier™

The Jupiter Portable Magnifier is a sleek and compact device that helps users of all ages with low vision or vision loss see the world in high definition. Whether it's in the classroom, workplace, or at home, this powerful magnifier allows you to continue those activities that bring joy to everyday life, while exploring new opportunities for lifelong education. Use Jupiter's three camera modes (reading, distance-view, and self-view) to read a book or prescription bottle label, view a presentation or instructor at the front of the classroom, and complete grooming activities. Learn more about Jupiter and its contribution to a student's academic success.

Video Mag HD™

The Video Mag HD is a durable handheld video magnifier with a 4.3-inch LCD screen that provides crystal-clear, full-color images by magnifying whatever appears under its auto-focus HD camera by 2x-13x. It is ideal for viewing labels, price tags, receipts, and more.

MATT Connect™

The MATT Connect is a compact, all-in-one magnifier, distance-viewer, and educational Android tablet. Customize your learning experience through your MATT Connect's three interfaces: from simple magnification settings, to pre-loaded and feature-rich software options designed for learners of all ages and skill levels. This powerful device also allows students to magnify a print document, read a book from an online library, conduct internet research, and much more.

Find out which magnifier works best for you by viewing our Magnifier Comparison Chart!

EZ Test Battery Tester

Quickly and easily test the strength of common household batteries with APH's EZ Test Battery Tester. A flexible testing wire allows for testing of 1.5 volt batteries, including AAA, AA, C, and D batteries. There are two versions of this product: an [Audio Feedback Version](#) and an [Audio-Tactile Feedback Version](#). The audio feedback version reports the battery status by audible beeps. The audio-tactile feedback version reports the battery status with beeps and vibrations.

Color Star®

The [Color Star](#) is a powerful hand-held color identifier with hundreds of uses at home, work, or school. It recognizes more than 1,000 different color shades, identifies contrast measurements, recognizes the color of LED lights, perceives the light intensity in the surrounding environment, and recognizes patterns, all with speech output.

InSights Art Calendar, 2023 – Coming Soon

This beautiful, full-color calendar features the artwork of artists who have low vision or complete vision loss. Months, days, holidays, and moon phases appear in both braille and large print. This calendar can be used at a desk or hung on a wall, and is ring-bound to allow pages to be folded over easily.

BrailleBuzz™

The handheld [BrailleBuzz](#) device is an instructional tool for young braille learners ages two to five. It promotes early literacy skills and encourages practice with braille characters and phonics, similar to a variety of audio-based toys that teach print writing. BrailleBuzz resembles a cartoon bumblebee, encouraging little ones with audio feedback.

Paint by Number Safari Series

Learn about our [Paint By Number Safari Series](#) and related fine arts products in our [Building Your Fine Arts Toolkit](#) blog. Custom-made drawings of real-world subjects are printed and embossed on heavy paper, making this coloring series fun for all. Wide, solid, embossed lines identify the creature, while thin embossed lines denote color separation on the creature's body. Dashed lines identify background images and solid, raised areas identify parts of the images that are too small to fill with color. Each image includes fun facts about that creature's life, including size, diet, predators, and environment, along with specific color code for that creature. These drawings can be colored in using colored pencils, crayons, or watercolor paints.

Feel 'n Peel Series

The [Feel 'n Peel series](#) of products can be used in numerous ways by teachers, parents, students, and adults to make household and academic materials accessible.

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.

Hop-a-Dot Mat

With Hop-a-Dot Mat, students can learn braille while being physically involved and active – an exciting alternative to routine, sedentary tasks. Hop-a-Dot Mat encourages young braille readers to acquire and demonstrate their knowledge of the braille cell configuration, braille alphabet letters, one-cell contractions, and numbers through movement. This product's related games and activities address many skills and concepts needed by students who have low vision or vision loss, including social interaction skills, self-expression and creativity, physical activity, body awareness/coordination, tactile discrimination, and spatial concepts.

Color Raceway

Color Raceway is an exciting board game, adapted for children who have visual impairments, including those with a CVI diagnosis. Color Raceway utilizes the characteristics of color, movement, and low to high complexity, encouraging players to use their vision in a functional and fun way. Use this game to increase orientation and mobility skills, color awareness, and positive social interaction skills (sharing and taking turns with each other) as players navigate the board's track, encountering stop signs and yield signs along the way. Teachers and parents of young students may use Color Raceway's kit of accessories to design an individual game board for each player, building upon players' individual strengths and assisting parents/teachers in understanding the level of materials with which players are most successful. Sighted peers will want to join the fun also!

Kids and Parents

TactileDoodle™

The TactileDoodle is a low-tech drawing board used to generate tactile, raised-line graphics quickly and independently, to convey a variety of concepts or art within the classroom and at home, including:

- Demonstrate a variety of concepts related to science, math, geography, etc.
- Illustrate spatial concepts and simple maps.
- Practice handwriting skills.
- Play interactive games, like tic-tac-toe.
- Accommodate more open-ended, artistic drawing activities.
- Practice tracing skills within a stencil or around a 3D object.
- Provide tactile illustrations during teachable moments.

Accessible Code & Go® Robot Mouse

The Accessible Code & Go Mouse provides a hands-on introduction to coding concepts and tactile graphics as students program Colby the mouse to race through the maze toward the cheese. Students will learn problem-solving, critical thinking, if-then logic, O&M skills, route planning, and much more.

The Caterpillar

Initially produced in 1993, The Caterpillar, an On the Way to Literacy (OTWL) series classic now contains a completely rewritten text with exciting tactile illustrations containing textures and objects rather than the raised line drawings used in the original book. In addition, the new text has received colorful and enhanced visual illustrations, an updated illustrated cover, and a binding instead of a ring binder. This read-aloud tactile storybook with large print/braille text (contracted UEB) is designed to assist young children in developing key literacy skills such as listening comprehension, phonological awareness, oral language, and object/shape recognition.

Kids and Parents

How to Recognize a Monster

Learn how to recognize a monster by discovering its funny and bizarre body! This [LDQR tactile story book](#) uses tactile illustrations that can be manipulated to help the reader recognize a monster. Each illustration features a different part of the monster's body. A sequential discovery takes place throughout the book, with a complete representation of the monster at the conclusion.

Snapino Access Kit

Program your circuits with a mini computer using [Snapino](#)! Students can build circuits throughout 2Ø different projects by connecting the physical components on the breadboard and practice basic coding with the included Arduino board by plugging it into a computer and utilizing free software from the Arduino website.

Snap Circuits Jr. Access Kit

[Snap Circuits Jr.](#) teaches children about circuits, current, resistance, switches, motors, and other basic electronic concepts. Create 1Ø1 projects and circuits by snapping and connecting layers of plastic parts to the "breadboard" building surface and to the included batteries. Use the instructions to make a flying saucer, light police siren, a touch light, and more!

Note: The current version of this product is sold out and has been discontinued. APH is working diligently to provide our customers with a new, modernized version of the Snap Circuits Jr kit in 2Ø23.

RC Snap Rover

Make projects that move with [RC Snap Rover](#)! Children will learn about electric switches, radio perception, gear movement, Morse Code, and more as they snap together colorful Snap Circuits parts to build an RC Snap Rover that can zoom across any surface with the included wireless remote control. Construct 25 projects like a

remote-controlled rover, a light following rover, water detector, and more.

BRIC: Structures Access Kit

Bric-2-snap technology combines the use of ordinary building bricks with Snap Circuits to create circuits and real-world structures that run on electricity. Build 26 fun projects such as a light post, BRIC tower, BRIC bridge, and more with the BRIC: Structures Access Kit.

LED Light Box

The new and enhanced Light Box now features an LED U-tube, which is known to provide better light for longer periods of time. Similar in looks to the Light Box customers have grown to know and love, the new LED Light Box also features a yellow body with a lighted, translucent white work surface, providing a high contrast background for opaque materials, and a source of illumination for colored transparent and translucent items. Includes dimming control and can be used flat or tilt at three angles. Built-in ledges hold overlays in position. *Adapter accepts power from 11ØVAC to 22ØVAC.

LED Mini-Lite Box

Smaller, lighter, and less expensive than its larger counterpart, the LED Mini-Lite Box is an all-inclusive, person-centered learning tool for students of any age who have low vision or vision loss. Students with CVI and other disabilities can benefit from the Light Box Materials kits and commercially available mounts that can be attached to the LED Mini-Lite Box. Individual items from each level of Light Box Materials can be used with it. An optional carrying case is available. Also available separately are Mini-Lite Box Transparent Overlays which may be used to promote light awareness, improve contrast and visibility, and introduce color matching.

Guidelines and Games for Teaching Efficient Braille Reading

This second edition of Guidelines and Games for Teaching Efficient Braille Reading offers unique ideas for adapting a general reading program to the needs of braille readers. This book has been updated to reflect advances in technology that have made braille more accessible in a digital format, such as refreshable braille devices, digital notetakers, and translation software.

Babies with CVI: Nurturing Visual Abilities and Development in Early Childhood

Babies with CVI presents specific approaches, strategies, and activity suggestions that families and visual impairment professionals can use to meet the unique learning needs of a child with CVI. This guide includes the history and best practices related to the treatment of CVI in children from birth to 36 months.

CVI: Advanced Principles

CVI: Advanced Principles is the companion book to CVI: An Approach to Assessment and Intervention, and makes new strides in building knowledge about CVI. This text offers an in-depth examination of the needs of students and individuals with CVI in areas such as literacy, social skills, and O&M, while also addressing the demands of students with CVI and other disabilities, such as complex communication needs and hearing loss. The authors consider students with CVI in the context of their entire day to see how the tasks they perform, the interactions they have, and the environments they encounter can be evaluated and adapted to help them build their visual skills and experience success.

APHPress
American Printing House for the Blind

APH Press Books

Access Technology for Blind and Low Vision Accessibility

Access Technology for Blind and Low Vision Accessibility emphasizes opportunities for independence, leadership, and timely access to information for people who have low vision or vision loss. This follow up to the 2008 edition 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.

Making Life More Livable: Simple Adaptations for Living at Home after Vision Loss

Making Life More Livable is an important resource for older adults who are losing their vision and the family members who support them. This easy-to-read book provides practical tips and modifications that improve the safety and security of the home and give older adults with vision loss solutions to continue living independent and productive lives.

Out of Sight, Not Out of Mind: Personal and Professionals Perspectives on Age-Related Macular Degeneration

Out of Sight, Not Out of Mind presents a personal account of living successfully with age-related macular degeneration (AMD), combined with powerful new information on effective service delivery.

College Bound: A Guide for Students with Visual Impairments

The transition from high school to college is a significant turning point in life, but it can come with unique challenges if you are a student with low vision or blindness. The revised and updated College Bound helps students prepare for their new life in college, develop useful skills, and negotiate for and coordinate appropriate services.

Apps and Games

Mobile/Desktop Apps, Skills/Actions

Enjoy hours of fun and learning with APH's variety of apps for desktop and mobile devices. Amazon Alexa® and Google Assistant™ users can also join the party by trying out these APH skills and actions.

APH Services/Resources
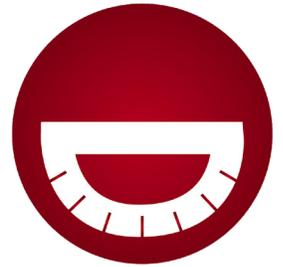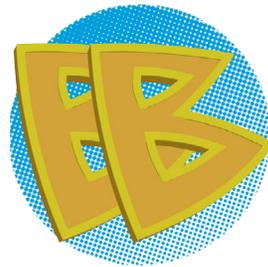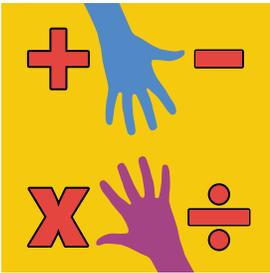
CONNECTCENTER
Connecting the vision loss community to a world of resources

Welcome to the APH ConnectCenter! This website offers FREE curated advice and resources to assist children, parents, adults, and job seekers who have low vision or are blind, 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 have low vision.

- CareerConnect: Employment information, tools, and guidance for job seekers who are blind or have 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 have low vision.

Have questions related to blindness or vision loss? Call **APH's Information & Referral Hotline:** (8ØØ) 232-5463 or e-mail us at connectcenter@aph.org.

APH Services/Resources

ExCEL Academy

ExCEL Academy provides online learning opportunities in the form of free and engaging webinars for students with a variety of abilities. Students are invited to register for the free for the Virtual ExCEL STEM Camp which runs from June 7 – August 5.

Access Academy

Access Academy is your one-stop resource for the meaningful education and training webinars you need to get the most out of APH products and services. From tutorials on new products and hacks on how to get the most from your beloved tech, to information on resources, services, and programs: our goal is to give you the info you need for home, the classroom, and the workplace.

ABIDE: Accessibility. Belonging. Inclusion. Diversity. Equity

These are the tenets that guide the work we do at APH. APH ABIDE hopes to increase awareness of accessibility and usability obstacles and teach others how to remedy those issues; highlight diverse trailblazers; help others understand why diversity and equity are essential; and foster a sense of belonging inhouse and throughout our community and the field of education.

ABIDE
Accessibility · Belonging ·
Inclusion · Diversity · Equity

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 502-899-2291 or email at **development@aph.org**.

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