

**APH Products and Services
for the
Council for Exceptional
Children (CEC)
2023 Convention and Expo**



AMERICAN
PRINTING
HOUSE 

CVI & Multiple Disabilities

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. 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.

Animal Recipes

The first in a series of products that help students understand the salient features of animals as they build a cow, sheep, horse, goat, pig, goose, and rooster. Intended for use with the Light Box, the components included in the [Animal Recipes: Farm Set](#) allow for a progressive “build” of each animal, developing a student’s understanding of images for both tactile and visual learners.

Swirly Mats: CVI – New!

This new modernization combines Swirly Mats CVI and CVI II into one kit. Use these durable, non-toxic, [CVI Swirly Mats](#) in conjunction with an LED Light Box or LED Mini-Lite Box to perform a CVI assessment and assess traits such as the characteristics of color preference, need for movement, visual field preference, and visually guided reach.

Plexiglas Blocks

Colored transparent and translucent geometric shapes (circles, triangles, and squares), come in two sizes to create displays for attracting visual attention, reaching, matching, and spatial relationships. Use [Plexiglas Blocks](#) with an APH LED Light Box or the LED Mini-Lite Box!

CVI & Multiple Disabilities

Pegs and Pegboard

APH's [Pegs and Pegboard](#) assist in fostering eye-hand coordination, awareness of spatial relationships, and matching and sequencing skills. Use these on an APH LED Light Box or the LED Mini-Lite Box!

Dycem for Mini-Lite Box Ledge

A translucent mat that adheres to the Mini-Lite Box lens, enabling light box materials to stick to the surface of the [Dycem](#) when viewing the Mini-Lite Box at an angle.

Mini-Lite Box Ledge Set

The [Mini-Lite Box Ledge](#) slides into place and helps support bulkier light box materials (Swirly Mats, Bright Shapes Knob Puzzles, etc.) when a learner uses/views the Mini-Lite Box at an angle.

Reach and Match[®] Learning Kit & Alphabet Tiles

The [Reach & Match Learning Kit](#) provides toddler training for manual dexterity and identifying tactile patterns. It provides preschoolers with braille and print learning, motor development, direction, and spatial awareness training. Originally created for children with BVI, a preliminary review revealed that children with autism also enjoy playing and learning with Reach & Match.

Each Reach & Match Learning Kit includes four large puzzle piece mats, one side of each mat features a texture with a tactile pattern that matches corresponding alphabet tiles. The other side of the mats have the same texture but with a recessed white path. There are cut-out shapes that correspond to the same tiles.

Additional [Alphabet Tiles](#) may be purchased as a supplement to the kit. Each of the 26 tiles has a corresponding shape, color, texture, sound, and tactile marking to represent a different letter in the English alphabet.

To learn more, please visit <https://www.reachandmatch.com>.

CVI & Multiple Disabilities

Spangle Tangle: Play and Explore Kit

Improve visual and tactile attention, communication skills, and creativity through specially designed activities that aid in the development of motor, problem-solving, cognitive, self-care, social, and pre-braille skills.

[Spangle Tangle](#) was designed for children who are blind and/or experience difficulty grasping and holding objects, and anyone whom haptic exploration is their best way to obtain information about the world around them.

Rib-It-Ball, 3Ø-inch – On Sale!

The [3Ø Inch, Jacob’s Rib-It-Ball](#) is a latex free, easy to grip, black with high contrast yellow ribbing, inflatable ball. Crinkly fabric in the ribs adds an auditory component.

Joy Player & Cartridge Holder

APH’s [Joy Player](#) allows individuals who are developing fine motor skills, have limited mobility, or a cognitive disability, in addition to a visual impairment access music and audio books.

The Joy Player Cartridge Holder is available in two versions for free on the [APH Tactile Graphics Image Library \(TGIL\)](#). The slide and screw closure cartridge holders allow the user to insert the cartridge into the Joy Player using a fist of fingers and provides a vertical ledge to grasp and pull with the whole hand.

STACS: Standardized Tactile Augmentative Communication Symbols Kit

Tactile symbol systems are valuable tools that aid learners with conversations about people, places, events, and ideas. [STACS](#) helps learning partners (teachers, parents, peers, etc.) teach a beginning standardized vocabulary.



Tactile Literacy Books

Flip-Over Concept Books:

TELLING TIME

This book portrays side-by-side representations of both analog and digital clocks that students can independently set, compare, and read themselves. The movable hour and minute hands on the analog clock creates a hands-on learning experience that makes telling time interactive and enjoyable. [Flip-Over Concept Books: TELLING TIME is a tactile literacy book available in both UEB and NEMETH versions.](#)

TEXTURES

The specific goal of [Flip-Over Concept Books: TEXTURES](#) is for the student to find three adjacent panels that are embossed with the same textured pattern. An assortment of textured vinyl panels is provided that the instructor can select from to build a unique TEXTURE flip-over book. Each texture appears as red, blue, and yellow panels to provide visual interest for dual readers and sighted peers. Some panels are duplicated in soft flocked styrene to encourage the student to discriminate between subtle textural differences.

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. A fun and engaging book that emphasizes inclusion and fun for everyone.

Tactile Literacy Books

Let's Eat

Build a foundation for numeracy and literacy skills with this engaging tactile storybook, as children use the finger puppets, Little Chick and Little Wolf, to gobble up the variety of tactile foods on their plates.

[Let's Eat!](#) is produced for APH by the award-winning French tactile book publisher, Les Doigts Qui Rêvent (LDQR).

A Tail for Baby Lizard - New!

Adventure alongside Baby Lizard in this colorful and tactile story book as he searches for a suitable replacement tail after losing his own. As readers progress through the story, various tails are presented to Baby Lizard with the original owner of the tail shown immediately after.

Upon conclusion, Baby Lizard will have picked out his new tail. [A Tail for Baby Lizard](#) is produced for APH by the award-winning French tactile book publisher, Les Doigts Qui Rêvent (LDQR).



Other Showcase Products

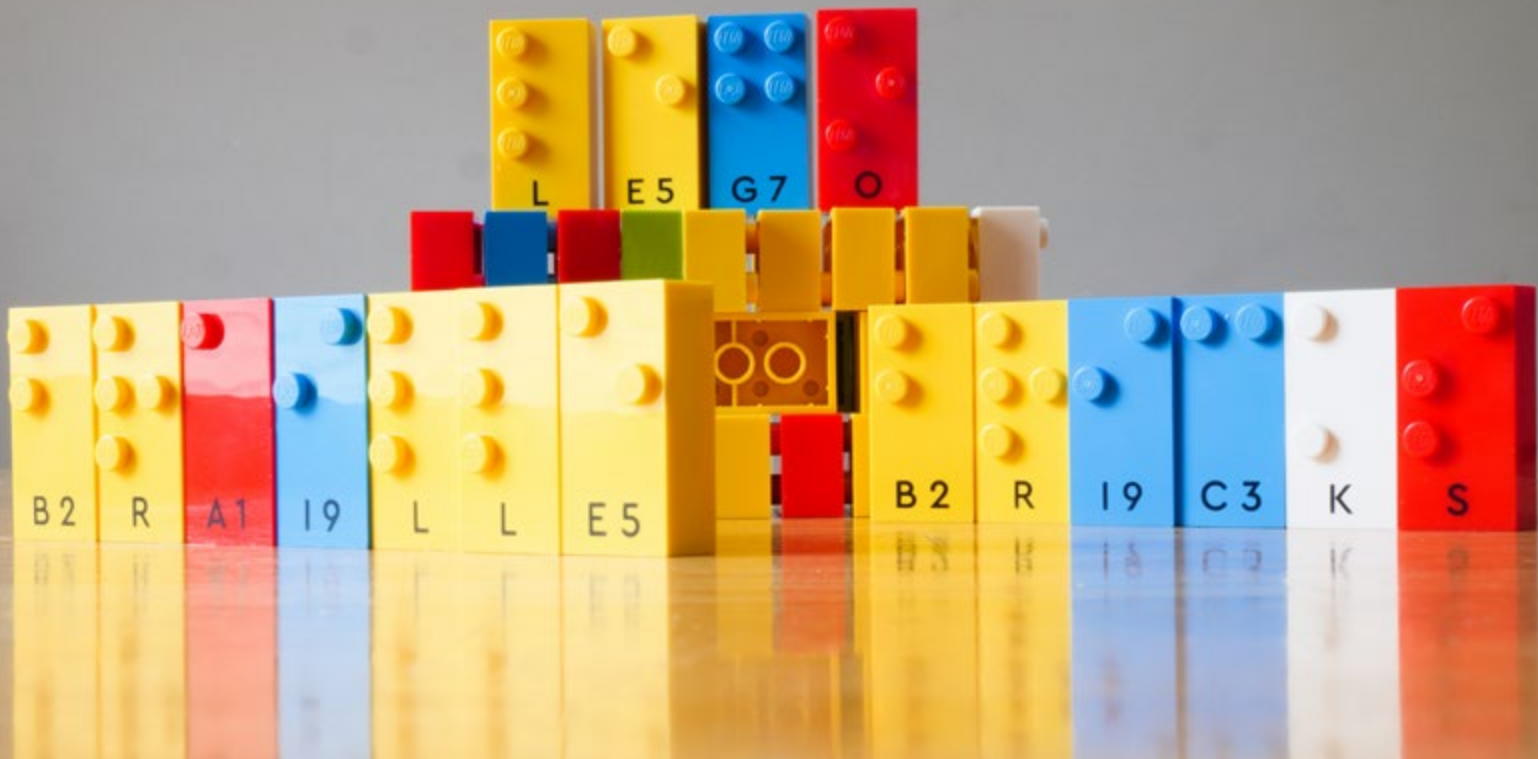
Feel the Beat

The lessons in this curriculum teach Music Braille Code, and focus on reading, playing, and memorizing measures using a soprano recorder. [Feel the Beat](#) was developed by Christine Short, who was a co-recipient of the “Louis Braille Touch of Genius Prize” in 2011.

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!



Tech Playground

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.



Tech Playground

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!

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.



Tech Playground

CodeQuest™ (for iPad)

Play [CodeQuest](#) and help your astronaut move across a grid-style game board to his spaceship, so that he can explore the galaxy. This FREE, interactive, and accessible app teaches coding, logic, and orientation skills to preschool-through-early-elementary players. In each of the game's levels, players start at row 1, column 1, and must program a route for the astronaut to get back to his spaceship. Along the way, players also learn coding concepts such as problem-solving, planning, computational thinking, loops, and sequencing.

Flip-Over FACES

This FREE, interactive app allows a child to casually explore facial expressions within a fun and versatile context. Hundreds of facial expressions can be generated by changing the eyebrow position, eye direction, and mouth type. Multiple hairstyle and eyewear options are available to add interest or visual complexity. The [Flip-Over FACES App](#) is specially designed for students with low vision and a cognitive level of five years of age or older.

Going to the Playground (for iPad)

The [Going to the Playground app](#) (for iPad 9.7-inch only) helps young children, ages three to five, learn orientation directions, such as left and right, in and out, and up and down, as they become familiar with the layout of a virtual playground. The app is self-voicing and includes bold and bright colors to further enhance the playground experience.



[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. Recent releases include:

Guidelines and Games for Teaching Efficient Braille Reading (Print and EPUB Editions)

This book is based on research in the areas of rapid reading and precision teaching, the second edition of [Guidelines and Games](#) serves as an invaluable resource to both supplement and enrich early braille instruction for parents and teachers of those who are blind or visually impaired. The activities and games presented in the book enhance the traditional teaching of braille reading skills from the preschool level through Grade 3. The book was 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. The writers have also incorporated new research on teaching braille literacy, as well as current best practices for teachers of students with visual impairments.

Babies with CVI: Nurturing Visual Abilities and Development in Early Childhood (Print and EPUB Editions)

This is a guide through history and best practices related to the treatment of CVI in children from birth to 36 months. [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. It stresses the importance of early intervention, proper evaluation, and integrating teaching opportunities into the child's daily routine.

Cortical Visual Impairment: Advanced Principles (Print and EPUB Editions)

[*CVI: Advanced Principles*](#) is the companion book to [*Cortical Visual Impairment: An Approach to Assessment and Intervention*](#), and makes new strides in building knowledge about CVI. *Cortical Visual Impairment: Advanced Principles*, a collaboration among experts in several disciplines, dives deeper into topics that are extensions of the original concepts and offers an 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.

ECC Essentials: Teaching the Expanded Core Curriculum to Students with Visual Impairments (Print and EPUB Editions)

[*ECC Essentials*](#) is the first comprehensive book for teachers of students with visual impairments to focus on the nine areas of the Expanded Core Curriculum (ECC) that encompass the unique skills children and adolescents with visual impairments need to learn to access the core educational curriculum and become independent individuals, by providing the rationale, suggestions, and strategies necessary to implement instruction.

Reading Connections: Strategies for Teaching Students with Visual Impairments (Print and EPUB Editions)

This book is an in-depth and user-friendly guide for understanding reading instruction for teachers and professionals seeking to improve the reading skills of their students who are visually impaired. [*Reading Connections*](#) addresses in detail the essential components of reading-

phonemic awareness, phonics, reading fluency, vocabulary, and reading comprehension, as well as other key reading components and subskills.

Everyday Activities to Promote Visual Efficiency: A Handbook for Working with Young Children with Visual Impairments (Print and EPUB Editions)

Everyday Activities to Promote Visual Efficiency provides principles of early intervention with young children who are visually impaired and may have additional disabilities. Simple activities that can be done as part of everyday routines are explained.

Learning to Listen (Print and EPUB Editions)

Learning to Listen/Listening to Learn is the first comprehensive work to address the systematic development of skills in listening for and interpreting auditory information for students who are blind or visually impaired. Listening skills are a crucial but often-overlooked area of instruction for children who are visually impaired and may have multiple disabilities, essential to literacy, independent travel, and sensory and cognitive development.

Keys to Education Success: Teaching Students with Visual Impairments and Multiple Disabilities (Print and EPUB Editions)

Every student has unique learning needs but addressing the diverse needs of students who have visual impairments and multiple disabilities can be particularly challenging for teachers. *Keys to Educational Success* is also an important reference for special education teachers, educational team members, and administrators.

For related texts and the entire suite of APH Press books please visit our [APH Press Catalog](#).



CONNECTCENTER

Connecting the blindness 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 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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