THE CATALOG

2025-2027

APH AMERICAN PRINTING HOUSE

We're Proud to Introduce This Year's New and Revised Products!

Coming Soon!

More information to come on these great products!

AnyMath

Astro Adventure Ball

Cedric's Cartesian Quest

Grid and Go

Memory Puzzles: Fruits and Veggies

Music Braille Stickers

Neptune

Paige Connect

Tactile Talking Globe

Wing It

Get Social

Mission Statement

The American Printing House for the Blind promotes independence of people who are blind or low vision by providing specialized materials, products, and services needed for education and life.

Corporate Status

The American Printing House for the Blind, Inc. is a 5Ø1(c)(3) non-profit organization. Gifts, therefore, are tax deductible.

Federal Quota Funds Allow States to Purchase APH Materials for Students

Who is Eligible for Federal Quota?

In order for students to be eligible for registration in The Federal Quota Program, they MUST meet the requirements as outlined in An Act to Promote the Education of the Blind which was enacted by Congress in 1879 to provide specialized educational materials to students who are blind or low vision.

All Eligible Students Must:

Meet the definition of blindness (MDB)—a central visual acuity of 2Ø/2ØØ or less (using a Snellen chart or an acuity determined in Snellen equivalents) in the better eye with the best correction or a peripheral field of vision no greater than 2Ø degrees,

-or-

Function at the definition of blindness (FDB)—when visual function meets the definition of blindness as determined by an eye care specialist (ophthalmologist or optometrist) or other medical doctor such as a neurologist. Students in this category manifest unique visual characteristics often found in conditions referred to as neurological, cortical, or cerebral visual impairment (e.g. brain injury or dysfunction).

-or-

If neither are met, school-aged students may also be eligible because they:

- Qualify under the Individuals with Disabilities Education Act (IDEA) definition of blindness: an impairment in vision, that, even with correction, adversely affects a child's educational performance (34 CFR §3ØØ.8(c)(13)).*

Additionally, Eligible Students Must:

- Be enrolled in a formally organized public or private, nonprofit educational program of less than college level.
- School-aged students including infants, toddlers and preschool students must be enrolled with the registering school or agency on the first Monday in January.
- Adult students must complete 12Ø hours of documented educational work in the preceding calendar year.
- Have parent/guardian or adult permission for registration.

The educational programs providing services to these students can include public, private, and parochial schools.

There is **NO chronological age limit for eligibility.** Federal law limits registration to persons working at less than college level but places no restriction on the ages of eligible students.

And:

Eligibility of Adults—There are two types of adults eligible for registration in the Federal Quota Program:

1. School-aged students registered with the Department of Education, aged 22 and over, are required by the federal government to be registered as adults in their grade field.
2. Adults in vocational or rehabilitation programs who have received a minimum of 12Ø hours of documented instruction in the previous calendar year also qualify for registration in this program. Social and leisure programs do not qualify as instruction. Student practice to develop skills can be included in instructional hours. These students should be registered by an agency serving adults in a vocational or rehabilitation program.

Eligibility of Infants—Eligible infants (birth to three) can be registered if they are enrolled in a formally organized, regularly scheduled educational or training program and have a written education plan. An individualized family service plan (IFSP) or any other written plan may be used. They can be registered with a note from their pediatrician, or any eye care specialist, stating they meet the definition of blindness since an actual acuity is impossible to obtain at this age.

Eligibility of School-Aged Students—Eligible children (preschool through high school) can be registered if they are enrolled in a formally organized, regularly scheduled educational or training program and have a written education plan. An IFSP, an individualized education program (IEP) under the Individuals with Disabilities Education Act, or any other written education plan may be used.

Eligibility of Homebound Students—Eligible homebound students can be registered if they are enrolled in a formally organized, regularly scheduled educational or training program, and have a written education plan.

Home Schooled Students—In order for students who are blind or low vision and are home schooled to prove eligible for registration, the home school program should meet the guidelines and/or procedures in effect within each individual state. Students must have a written education plan.

President's Message

As we strive to create opportunities for students to thrive, the word grow takes on a profound meaning in our mission. Growth is not just about academic achievement—it's about fostering independence, confidence, and curiosity in every student, especially those who rely on braille and assistive technology to access the world around them.

At American Printing House for the Blind, we are committed to helping students grow by providing innovative tools and resources that enhance their educational journeys. Braille technology plays a vital role in this process, opening doors to literacy and enabling students to explore new ideas, solve problems, and communicate effectively with their peers and teachers. With advancements in assistive technology, we are making it easier for students to connect with their education, pursue their passions, and envision a future filled with possibilities.

Our goal is to ensure that every student has the tools and services they need to grow—not just academically, but personally. Let's continue to inspire growth by supporting the needs of students who are blind or low vision and celebrating their successes. Thank you for being part of this journey toward a brighter future.

Moving Forward,

Craig Meador, Ed.D.
APH President

Table of Contents

Starting in 2Ø25, the APH product catalog will be printed every two years. To ensure you stay up-to-date with the latest product offerings, we will provide a yearly insert that includes information about new products and any discontinued items.

Prices Effective June 1, 2Ø25

Note: The products offered by the American Printing House for the Blind are instructional/teaching materials and are intended to be used by trained professionals, parents, and others who provide services to students and adults who have vision loss and blindness.

⚠️ **Warning:** These materials are not intended as toys for use by children in unstructured play or in an unsupervised environment.

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**.

APH Press

APH Press is the leading publisher in the field of blindness and low vision, providing educational content aimed at supporting teachers, families, and other professionals who work with people who are blind and low vision. It continues the legacy of AFB Press in producing high-quality textbooks, like the Foundations series, and robust, up-to-date resources for educators.

Recent releases include:

- *Accessible Science Education for Students With Visual Impairments* features leading professionals in the field exploring physics, biology, chemistry, astronomy, and other scientific areas of study, focusing on creating learning experiences that are truly accessible. An exploration of modern research, accessible teaching methodologies, and the latest advancements in educational resources provides teachers with the tools they need to unlock scientific curiosity in their K–12 students. With its focus on practical classroom application and a wealth of lesson plans and teaching strategies, this book will be a pocket guide for science educators working with students who are blind or low vision.

- *Tools for TVIs: The Itinerant Teacher's Handbook* provides guidance and insight for new and experienced educators alike, exploring crucial topics for teachers of the visually impaired (TVIs) at any stage of their career. Structured as a guidebook, *Tools for TVIs* is crafted from years of expertise in refining efficient and effective teaching practices and explores topics such as principles of organization, collaboration with other education professionals and families, the expanded core curriculum, preparing for a new academic year, and working with learners with multiple disabilities. It also includes a number of resources designed to facilitate TVI success and career growth.

- *Guidelines and Games for Teaching Efficient Braille Reading, 2nd ed.* offers unique ideas for adapting a general reading program to the needs of braille readers. Based on research in the areas of rapid reading and precision teaching, this handbook serves as an invaluable resource to both supplement and enrich early braille instruction for parents and teachers of those who are blind or low vision. 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 also offers suggestions for working with remedial readers, regardless of age. This second edition of *Guidelines and Games for Teaching Efficient Braille Reading* commemorates the 40th anniversary of the book's original release and has been updated to reflect advances in technology and current best practices for teachers of students with visual impairments.

APH Virtual Learning Resources

The APH Hive is a virtual platform offering free eLearning opportunities for educators and families, providing bite-sized courses and curated resources related to vision loss. It serves as a one-stop for professional development, offering ACVREP continuing education units upon course completion, and can be accessed at **aphhive.org**.

Access Academy provides meaningful education and training webinars you need to get the most out of APH products and services. From product tutorials to information on resources, services, and programs, our goal is to give information you need for home, classroom, and workplace settings. Most webinars also provide ACVREP credit. Visit **aph.org/educational-resources/training/access-academy** to access past and upcoming webinars.

CONNECTCENTER

Webinars

The majority of APH ConnectCenter webinars offer ACVREP and CRCC credit. Webinar topics vary and and provide useful independent-living information and resources for children, parents, adults, and job seekers who are blind or low vision, including their associated professionals. Visit **aphconnectcenter. org/webinars** for upcoming and previously recorded webinars offer ACVREP and CRCC credit.

CHANGE MAKERS An APH Podcast

APH has a big goal: creating a future that belongs to everyone. For more than 165 years, APH has created products and services that provide access for people who are blind or low vision. To create a world that welcomes everyone, we know it's going to take a lot of change makers. The Change Makers Podcast highlights everyone from CEOs to students who are making the biggest difference in our field. To date, Change Makers episodes have been downloaded over **43,000** times throughout **92** countries. Listen and subscribe by visiting the Change Makers Podcast page on **aph.org/change-makers**.

Get Social

The Louis Database of Accessible Materials

Your Key to Finding APH Textbooks – and Much More!

Louis (louis.aph.org) is the one and only portal for locating and purchasing APH large print and braille textbooks in both hardcopy and digital formats. Louis is also your central resource for finding accessible textbooks and recreational reading from over 5Ø agencies and organizations across the U.S. – including APH, Bookshare and Learning Ally. With more than 1.5 million listings, Louis is the quickest way to locate the braille, large print, digital text, and audio you need.

Participate in Louis!

Louis is a free service that APH offers to the field, with the goal of making information about accessible formats more widely available, preventing duplication of effort, and supporting the timely delivery of materials to students. If your organization or agency produces and distributes accessible formats, please consider listing your materials in Louis.

Want to learn more or need help? Please reach out to READS at 8ØØ-223-1839 x7Ø5 or email us at **resource@aph.org**.

157th Annual Meeting

October 15–17, 2Ø25

Join APH staff as we celebrate another successful year of breaking down barriers and advocating for accessibility!

Annual Meeting allows Ex Officio Trustees (EOTs), EOT Census Assistants, Teachers of Students with Visual Impairments (TVIs), Online Ordering Assistants, and other attendees to network and learn more about new APH products, services, and initiatives.

This year's Annual Meeting will take place at the Louisville Marriott Downtown, 28Ø W. Jefferson St., Louisville, KY.

Save the Date! APH 158th Annual Meeting October 28-3Ø, 2Ø26

Thank You for Supporting APH

As a not-for-profit, 501(c)(3) organization, APH values our all of our donors who help 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. APH programs, initiatives, services, and products empower people with vision loss to live as independently as possible. Your contribution makes that happen, and we are truly grateful for your partnership. Please donate at **bit.ly/donateaph**, or contact the APH Advancement Department by phone at 502-899-2351, or email at **development@aph.org**.

Coding and Electronics Products

Learn foundational coding skills.

These products help students who are blind or low vision learn foundational coding skills, like computational thinking and problem solving, with APH's line of coding and electronics products.

Coding Tools

Accessible Code & Go® 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.

CodeQuest (for iPad® and iPhone®)

Play **CodeQuest** and help your astronaut move across a grid-style game board to the spaceship. In each of the game's thirty levels, players start at row 1, column 1, and must program a route for the astronaut to follow to get back to the spaceship while avoiding obstacles. Along the way, players also learn coding concepts such as problem-solving, planning, computational thinking, loops, and sequencing.

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. Check out Code Jumper Puzzles at **codejumper.com**.

Electronics

APH has adapted some of the most popular commercially available educational products from ELENCO® to be accessible for builders who are blind or low vision. Kits are designed for students ages eight and up and contain parts labeled in braille and accessible project instructions. As students make the projects in our four combinable kits, they will learn about electronics and improve numerous skill sets including the ability to follow step-by-step instructions, braille knowledge, tactile identification, spatial reasoning, coding, and programming skills.

Snap Circuits® Jr. 130 Access Kit

An entry-level product for learning about circuits, currents, resistance, switches, motors, and other basic electronics concepts. **The Snap Circuits Jr. 130 Access Kit**, includes the commercial product, and makes it accessible to users who are blind or low vision by providing braille labeled parts, additional accessible circuit components, and written project instructions in braille and large print.

Snapino™ Access Kit

Program your circuits with a mini computer using **Snapino**! Students can build circuits throughout 20 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.

RC Snap Rover® Access Kit

Make projects that move with **RC Snap Rover**! Children will learn about electric switches, radio, 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**.

Magnifiers

See the world more clearly with APH's portable magnifiers.

APH has two desktop magnifiers (MATT Connect™ and Jupiter Portable Magnifier™) and two handheld magnifiers (Video Mag HD and Juno™).

Jupiter Portable Magnifier

The **Jupiter Portable Magnifier** is a compact device that helps users of all ages see in high definition. It features three camera modes: reading, distance-view, and self-view, allowing users to read books, view presentations, and perform grooming tasks in various settings like classrooms, workplaces, or homes.

The MATT Connect V2.1

The MATT Connect v2.1 includes an updated Android 12 tablet capable of running the latest Android apps, faster boot times, and longer battery life! This all-in-one magnifier, distance viewer, and educational tablet enables students to magnify print documents, read books from online libraries, and much more!

Juno

The **Juno** handheld video magnifier is a powerful, portable device featuring a 7-inch LCD touchscreen with Optical Character Recognition (OCR), allowing users to capture and process multiple pages of text for reading or text-to-speech output. It includes a 18Ø-degree rotating camera with four modes, supporting various tasks such as grooming, document viewing, and more, making it ideal for use in school, work, and recreational activities.

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.

Braille Technology

The future of braille technology is bright.

Our roadmap of braille technology products is designed to empower individuals to achieve success in school, college, career and beyond, fostering a path to lifelong independence and fulfillment.

Monarch

Launched in September 2024, the **Monarch** is a groundbreaking 10-line by 32-cell refreshable braille display that combines braille and tactile graphics on the same surface, offering instant access to tools like KeyMath, word processing, graphing, and math. More than 300 Monarch soared to classrooms across the US, with over 100 going to students through the Monarch Student Pilot Program. The upcoming new eBraille standard will enable Monarch to display textbooks with integrated tactile graphics, providing students immediate access to the same materials as their peers without waiting for physical braille volumes.

Chameleon™ 20

Featuring Text-to-Speech, the **Chameleon 20** is the perfect device for learning and reinforcing braille literacy skills. As a portable braille display with local apps, like an editor and library, this device is perfect for improving productivity whether you are in the classroom or the workplace.

Mantis™ Q40

The **Mantis Q40** combines a Bluetooth keyboard with a 40-cell refreshable braille display, offering a multimodal braille complement to the screen reader. The Mantis Q40 connects via Bluetooth or USB to multiple devices or functions as a standalone tool with built-in apps like an editor, book reader, calculator, clock, and file manager. The device now includes text-to-speech (TTS) and terminal mode.

Polly

The **Polly** is a Wi-Fi-enabled braille learning device that uses gamification to teach reading, typing, writing, vocabulary, and spelling in both contracted and uncontracted braille. It features a 6-dot braille keyboard, an electronic slate, a speaker for feedback, and the Helios online portal for educators and parents to monitor progress and customize lessons remotely

The Monarch Migration - Where Have Monarchs Flown in the U.S.?

WA 6
OR 5
MT 2
ND 2
MN 6
ID 5
WY 1
SD 3
WI 13
MI 10
NH 1
VT 3
ME 2
NY 12
MA 8
RI 0
NV 2
UT 8
NE 3
IA 6
IL 6
IN 13
OH 7
PA 18
NJ 3
DE 4
CT 2
CA 21
CO 5
KS 5
MO 10
KY 20
VA 16
MD 12
DC 1
WV 6
AZ 9
NM 5
OK 2
AR 8
TN 3
NC 6
AK 5
TX 22
MS 3
AL 19
GA 10
SC 13
LA 8
FL 9
PR 3
HI 3

MONARCH™

Suggested APH Products for Children With CVI

Following are products that may be appropriate for use with children who have CVI. Comprehensive assessment should determine which products are best matched to your learner's needs.

Service for 16Ø+ Years

Since 1858, APH has been creating unique products for people who are blind, low vision, or deafblind.

Prices and Types of Funds Accepted

All items in this catalog can be purchased with checks, credit cards, purchase orders, or with Federal Quota funds through an Ex Officio Trustee. Pricing in this catalog reflects pricing for our Federal Quota educational customers. Pricing may vary for Non-Quota customers. Refer to the inside back cover for an overview of Federal Quota. Prices in this catalog are effective June 1, 2Ø25, and are subject to change without notice.

Ordering on the Web

Browse and search for APH products, then order using Federal Quota funds or a credit card.

Product Manuals

Most APH products have manuals available for free and immediate download, for printing or embossing as needed. Manuals can be found on the products online shopping page or at **aph.org/manuals-downloads.**

Questions?

Contact our Customer Experience team
Monday through Friday
8:ØØ a.m. to 8:ØØ p.m. Eastern Time
1-8ØØ-223-1839 (toll-free U.S. and Canada)
Email **support@aph.org**

Important Icon Legend

N **New Product**

R **Revised Product**

UEB **UEB**

Products with this icon are transcribed in Unified English Braille (UEB).

CVI **CVI**

Products with this icon may be appropriate for learners with CVI. Comprehensive assessment should determine which products are best matched to your learner's needs.

⚠️ **Safety Warnings**

Please note and follow the small parts choking hazard and other warnings indicated for certain APH products.

PARTS **Replacement and Optional Parts Available**

Products with this icon have available replacement parts.

▶️ **YouTube**

Product videos available on **APH's YouTube Channel**.

APH Products for Sensory Impairments and Additional Disabilities

Children and adults with vision loss and multiple disabilities are diverse in their strengths and interests. APH has long embraced inclusive strategies in product development, resulting in many products appropriate for individuals with vision loss and/or aural impairments, and other disabilities. Below are featured highlights.

APH Intervention Continuum – Three Sequential Products
APH recommends that learners use the first three products sequentially:

Sensing and Learning — page 38
This guidebook provides assessments and describes the importance of eliminating barriers to learning while capitalizing on learners' interests to attract their attention and activate their brains to increase understanding and memory. The methodology uses the the highly effective research-based instructional strategy called "Routines" because they provide systematic direct instruction.

SAM: Symbols and Meaning — page 106
This kit is for learners with visual and multiple impairments, and pre-school children with vision loss who are beginning to use symbols.

Tactile Connections: Symbols for Communication — page 106
This kit helps learning partners create a tactile card communication system for learners who lack a formal means of communication. The versatility of the kit allows for symbolic skill expansion, from concrete to more abstract, and from single-word to multi-word communications.

Expandable Calendar Boxes — page 107
A single "now" or "anticipation" box lets a learner know what is about to happen in their world. Two boxes together provide the concept of "now and next." Three boxes create a calendar.

Joy Player — page 146
APH designed its personal music player to accommodate individuals of any age who have varying abilities. This digital music player plays WAV and MP3 files.

Reach & Match Inclusive Education Kits— page 32
This inclusive-designed product encourages self-teaching and group interaction. Active learning teaches colors, shapes, textures, orientation, and print letters and braille. Children learn concepts of near/far and front/back.

Spangle Tangle — page 40
The reflective twisty Spangle Tangle helps students learn motor, problem-solving, cognitive, self-care, social, and pre-braille skills. This fun kit includes self-sticking stands for use on tabletops or wheelchair trays.

LED Mini-Lite Box — page 130
This light box is an all-inclusive, person-centered learning tool for students of any age who are low vision, as well as students with CVI and other disabilities. It attaches to several commercially available table and wheelchair mounts.
aph.org/the-led-mini-lite-box-and-the-switches-that-operate-it

All-In-One Board — page 99

Work Play Tray — page 41

Assessment Related Products

Basic Reading Inventory, 12th ed R

The Jerry Johns Basic Reading Inventory, 12th edition is an informal reading assessment designed specifically for teachers to help evaluate students' reading levels. It includes a series of leveled word lists and passages for students to read, making it an effective screening tool as well as a way to track progress throughout the year.

Print 4-ØØ6Ø6-Ø1

Braille 6-ØØ6Ø6-Ø1

Tactile Treasures: Math and Language Concepts for Young Children With Visual Impairments PARTS

An informal assessment and teaching tool for use with children to develop an early understanding of basic concepts and vocabulary. By pairing tactile graphics of thermoformed real objects with included descriptive scripts/stories, over 9Ø concepts can be introduced and reinforced.

Note: Large print guidebook included, braille guidebook available separately.

1-Ø8842-Ø1

Woodcock-Johnson IV UEB Math Supplement UEB

The Woodcock-Johnson IV – UEB Math Supplement provides UEB Math/Science replacement pages originally in Nemeth. It is available for purchase to supplement the Woodcock-Johnson IV – Adapted for Braille Readers (6-66ØØ1-ØØ)

Note: This is a separate product from the Woodcock-Johnson IV – Adapted for Braille Readers (6-66ØØ1-ØØ). Customers who have previously purchased and need UEB with UEB technical for their students can purchase this supplement Future Woodcock-Johnson IV braille kits will include the supplement.

6-66ØØ2-ØØ

Woodcock-Johnson IV (WJ IV) PARTS ▶

Woodcock-Johnson® IV is a comprehensive set of assessments, administered individually, to identify learning difficulties and improve instructional outcomes for all ages.

The print and braille assessments are comprised of three batteries: Tests of Achievement, Tests of Cognitive Abilities, and Oral Language.

It is required to purchase the Form A publisher materials to administer the Large Print test. The APH large print kit includes only the student print materials. For the braille edition, the publisher manuals are referenced and the audio cds are required for administration of portions of the braille edition.

Form A publisher materials must be ordered directly from the test publisher.

How to Place Your Order:

Via email: **orders@riversideinsights.com**
Via fax: 630.467.7192
Via phone: 800.323.9540
Inquiries: **inquiry@riversideinsights.com**
Via mail: Customer Service Riverside Insights One Pierce Place, Suite 900W, Itasca, IL 60143

For more information, please visit: **riversideinsights.com**

Note: It is strongly suggested that the administrator have approved professional development training in administering the original print Woodcock-Johnson IV. Examiners must meet the qualifications for administering this assessment.

Print 4-66003-00

Braille 6-66001-00

KeyMath™3

Aligned with the NCTM standards, this diagnostic assessment measures essential mathematical concepts and skills for students in Pre-K through ninth grades.

Administration time is usually 3Ø-9Ø minutes and features ten subtests that cover basic concepts, operations, and applications.

Braille Student Kit

Contracted	**Uncontracted**
5-657Ø3-ØØ	5-657Ø4-ØØ

Teacher Guides for Student Braille Kit
7-657Ø4-ØØ

Large Print Kit
7-657Ø3-ØØ

Note: It is strongly suggested that a copy of the administration manuals be obtained for a clear understanding of the scoring and analysis of results. These materials must be ordered directly from Pearson Clinical Assessment 1-8ØØ-627-7271.

KeyMath™3 Supplement UEB

This is a supplement to the existing KeyMath3 kits which are produced in UEB with Nemeth. This supplement is produced in contracted UEB with the UEB math/science technical braille code. This assessment allows the assessor the ability to choose which portions of the assessment to complete in their preferred braille format (UEB with Nemeth or Math/Science UEB).

Contracted	**Uncontracted**
5-657Ø5-ØØ	5-657Ø6-ØØ

Note: APH recommends keeping all KeyMath Nemeth pages, even if you reside in a non-Nemeth state.

NewT Kit PARTS

This Kit includes accessible tools and activities for use with Functional Vision and Learning Media Assessment (NewT). It has everything you need to complete the Observations, Functional Vision Assessment, and Learning Media Assessment sections of the FVLMA.

Includes
Sample graphs, maps, dictionary entries, reading samples, diagrams, news clippings, and catalog pages for grade levels K–12.

1-Ø8149-ØØ

Functional Vision and Learning Media Assessment (FVLMA) Kit PARTS

FVLMA is a user-friendly instrument that provides a framework for the systematic assessment of a student's visual functioning and needs for adapted educational media. Although not a standardized test, FVLMA has been peer-reviewed by experts in the field of blindness and field tested by teachers and students.

7-96151-ØØ

Brigance Comprehensive Inventory of Basic Skills II

This product is a widely used academic assessment that has been adapted for the use of learners with limited or no vision. The assessment has a series of subtests that capture a learner's ability to complete math and reading/English Language Arts (ELA) exercises.

Uncontracted	**Contracted**	**Print**
5-17682-ØØ	**5-17683-ØØ**	**7-17682-ØØ**

Accessible Multiple Choice Answer Sheets: Pop-A-Dot and Braille

High-contrast layouts with print and tactile elements engage students so that test-taking can be fun! Sighted peers will also love these.

Pop-A-Dot

These sheets make testing fun with "memory plastic" dots that are pushed down to select an answer, but can be popped back up easily, allowing students to change their answers independently. Beginning level student sheets have one column with ten question numbers.

Advanced level student sheets have two columns with 2Ø question numbers.

Pop-A-Dot (4-pk)
1-17ØØ3-ØØ

Braille Answer Sheets

Fifty generic sheets with question numbers 1–4Ø in large print and braille, in two columns, with multiple choice answers A-E.

5-17ØØ3-ØØ

Early Childhood

Memory Puzzles: Shapes N

Memory Puzzles: Shapes features 52 waterproof puzzle pieces that form 26 pairs of tactile shapes, all housed in a durable pouch that includes a list of suggested activities. Every puzzle piece includes both braille and print labels. To help students orient the pieces, each component has a couple of tactile clues: a wavy orange line in the center to indicate the horizontal direction, and a square orange braille indicator in one of the upper corners.

English **1-08001-00**

Spanish **1-08001-SP**

Animal Recipes: Farm Set UEB CVI

Designed for tactile readers who have low vision and CVI, Animal Recipes is 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. Salient features are the key "ingredients" that make things unique. This kit includes a realistic, full-body corresponding plastic toy, translucent 3D puzzle pieces to create animals' faces, print and tactile overlays that represent the animals' bodies, and a label for the name of each animal in print and braille.

1-03201-00

Experiential Learning:

Activities for Concept Development

Each section in this guidebook contains a brief overview of the skill or concept being addressed. The overview is followed by three suggested activities: a beginning, intermediate, and more advanced activity for each area. The service provider or parent must provide the toys and other materials to be used for each activity.

Large Print
8-50705-00

Les Doigts Qui Rêvent (LDQR)

LDQR Storybooks have been featured in Outstanding Books for Young People with Disabilities, a catalog and exhibit organized by the International Board on Books for Young People (IBBY). IBBY is a non-profit organization representing an international network of people committed to bringing books and children together.

The storybooks and cards are produced for APH by the French tactile book publisher, Les Doigts Qui Rêvent (LDQR). Richly textured, collage-style illustrations with interactive features are visually attractive and have appeal for all young learners as well as adults sharing the books with a child. The illustrations' design is based on research into the needs of tactual learners. Text is provided in large print and contracted UEB, provided as silk-screened braille of high quality and durability.

Titles change on a regular basis - visit our website to see available titles.

A Tail for Baby Lizard

Adventure alongside Baby Lizard in this colorful and tactile story book as they search for a suitable replacement tail after losing their 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.

6-77960-00

Six Little Dots ⠠⠃ ⚠

Six Little Dots is a texture-rich story book about braille fundamentals. Each 1/2-inch braille dot is a different and distinctive texture and color. The print/braille text introduces the braille dots as story characters who inhabit a braille cell, as they take their place in the braille cell. Features charming text and tactile illustrations.

6-77954-00

Six Dots Game of Cards [UEB]

42 colorful tactile cards belong to one of seven different texture "families" (names in print and braille on each card). Within each family are six unique cards, each with a single textured Dot in numbered positions modeled after the arrangement of dots in a braille cell. The goal is to collect all six Dot cards needed to form a complete family.

1-Ø3569-ØØ

Developmental Guidelines for Infants with Visual Impairments

This guidebook is geared toward early intervention. It contains a wealth of information based on recent research and empirically-based observations about the development of infants with visual impairments. Professionals and caregivers will learn the sequence in which many skills develop.

Note: Developmental Guidelines was designed mainly for professionals who serve infants with visual impairments.

8-5Ø7Ø1-ØØ

Going to the Playground ▶

This FREE app for iPad (for use with a 9.7-inch iPad ONLY) helps young children, 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.

Note: This app can also be used with APH's Going to the Playground Overlays, clear overlays that introduce children to braille and tactile maps.

Available from the App Store
D-3ØØ31-AP

Overlays: 1-Ø8148-ØØ

Bright Shapes Knob Puzzles 🧠CVI

Bright Shapes Knob Puzzles have knobs to help with grasping. Targeted skills include hand-eye coordination, relational concepts such as in/out, directionality, shape and color recognition, comparison, and patterning. Designed to be easily viewed on the APH Light Box, or can be used on its own.

1-Ø3722-ØØ

The Best for a Nest ⠈UEB ⚠️

This large print/braille storybook includes color illustrations on each page that depict the text. Includes storyboard and tactile manipulatives, making the reading experience fun and meaningful.

5-123Ø1-Ø1

Holy Moly ⠈UEB ⚠️

A colorful, tactile board book with rhyming text and interactive components encourages young tactual learners to use their fingers to explore. The multisensory and interactive components engage the child in a movement or action that is connected to the text in a meaningful way. Sturdy, easy-to-turn pages.

6-7791Ø-ØØ

Laptime and Lullabies ⠀UEB ⚠

Use *Butterflies* and *Where's Little Fuzzy?* Storybooks (both with tactile/manipulative images, braille, and print components) to build language skills before beginning to read the written word. Skills addressed: reciprocal communication, texture discrimination, sensory efficiency, fine motor, spatial relationships, understanding of purposeful movement, cause and effect, and more. Recommended use with Laptime and Lullabies Parent Handbooks.

Each book has a durable flex binder, title in print/braille, and a manipulative image for identification. Pages can be wiped with a damp cloth.

Butterflies PARTS

With this fun book of opposites, learn to navigate the page to find the Butterflies! Some are big, some are bumpy, some are hiding, and some have many friends to play with. Each butterfly is attached with hook-and-loop to allow manipulation. Butterfly finger puppet included. Replacement parts available.

Where's Little Fuzzy

Takes the reader on an adventure, learning about textures through introductions to Little Fuzzy and his friends hiding on each page. See if you can find them! Learn to open a door, reach into a pocket, or push Little Squeaky to hear a fun sound!

[6-77701-00](#)

Laptime and Lullabies: Parent Handbooks UEB PARTS

A set of 18 paperback handbooks to help parents incorporate developmental skills into everyday activities. Booklets one through four are recommended to be read consecutively; providing background information about visual impairments and infant development. The remaining booklets cover various topics through the toddler years with suggestions and support for developing concepts necessary for independence and emergent literacy. Laptime and Lullabies Storybooks are mentioned throughout the reading and are a recommended supplement.

[6-77702-00](#)

Reach & Match
Inclusive Education Kit UEB CVI PARTS

An innovative system for students with sensory impairment and other special needs to learn and engage with their peers. Includes four large puzzle piece mats, each a different color. One side of each mat has a texture with a tactile pattern that matches corresponding tiles. The other side has the same texture but with a recessed white path. Along the path are cut-out shapes that correspond to the same tiles. The tiles are stored in a round pillow with a zipper closure that is placed in the middle of the mats.

1-08816-00

Reach & Match Light Kit N

This kit is a smaller, more portable version of the Reach & Match® Inclusive Education Kit featuring four 2x2 foot puzzle mats and a set of Reach & Match Alphabet Tiles in a convenient carrying case for easy transportation. Designed for children with low vision, blindness, or autism, this kit helps develop braille and print literacy, motor skills, and spatial awareness in small groups.

1-00183-00

Reach & Match Alphabet Tiles N

Each of the 26 tiles has a corresponding shape, color, texture, sound, and tactile marking to represent a different letter in the English alphabet.

1-08806-00

Reach & Match Number Tiles

Available in both Nemeth and UEB, each of the 26 tiles has a corresponding shape, color, texture, sound, and tactile marking to represent numbers 1 to 26.

Nemeth 1-00182-00

UEB 1-00181-00

On the Way to Literacy

This handbook and series of 18 storybooks contain vital information and activities to enhance the development of literacy in young children who are blind or low vision.

On The Way To Literacy Handbook, 2nd Edition

This handbook brings together material from a variety of sources to assist parents and teachers in fostering emergent literacy skills, and suggests ways to use everyday events to support a child's learning in these key areas:

- Early communication and language
- Skills needed for learning through touch and for reading braille
- Awareness of the many ways print and braille are used, knowledge of print and braille conventions, and the relationship of letters and letter-sounds.

Print
8-77520-00

Storybooks With Real Objects and Textures

Giggly-Wiggly, Snickety-Snick

Words capture a range of tactile experiences. Real objects (not included) can be added to envelopes on the pages.

6-77502-05

Geraldine's Blanket UEB

A girl's treasured blanket becomes worn and patched over time but is never outgrown. Squares of fabric illustrate the fate of the blanket.

6-77501-02

Something Special

A young child searches for a lost possession; features objects affixed to the book pages.

6-77500-05

The Caterpillar UEB ⚠️

Initially produced in 1993, this revised On the Way to Literacy classic, contains rewritten text with exciting tactile illustrations containing textures and objects rather than the raised line drawings used in the original book. The 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.

6-77510-02

Storybooks Illustrated With Thermoforms

(Molded Plastic Shapes)

Jennifer's Messes

Familiar objects such as cereal, pretzels, and crayons illustrate the messes made by Jennifer.

6-77500-06

Jellybean Jungle PARTS

Multiple scented stickers included.

A counting rhyme about a magical jungle filled with jellybeans.

6-77502-01

Roly-Poly Man

A story about a young child who creates a "roly-poly" figure from pieces of clay.

6-77500-07

Storybooks With Raised-Line Drawings

The Longest Noodle

A child finds the world's longest noodle. Raised lines illustrate a shoelace, a jump rope, etc.

6-77500-01

The Blue Balloon

A special balloon takes on extraordinary shapes and performs amazing feats. Illustrated with brightly colored, raised balloon shapes.

6-77501-03

Bumpy Rolls Away

Bumpy the Ball rolls down a hill, down steps, onto a sidewalk, along an alley, and into a box.

6-77500-03

APH SoundPage PARTS

The APH SoundPage allows readers to create their own sound effects and recordings. Holds up to three 10-second digital recording/playback devices (two included in basic set), the page can be clipped into the 3-Ring binder of any OTWL storybook.

6-77505-00

Goin' on a Bear Hunt

In this installment of the Moving Ahead series, readers will go on a bear hunt by following a raised line across this story's tactile landscape. This book features movable symbols for the story's characters and customer-applied braille labels as well as a large print Reader's Guide. Braille edition available on the website.

6-77903-00

Alphabet Scramble ⠃⠑⠃ UEB

Modernized to incorporate UEB, Alphabet Scramble tells the story of a family of alphabet letters as each sets out to explore the page. This rhyming storybook provides exposure to upper- and lower-case braille and large print letters, letter names, the sequence of the alphabet, and includes the letter word contraction associated with each braille letter.

5-01199-01

Rolling Into Place ⚠️

As the hook-and-loop material ball is rolled to its final "surprise" destination, important hand skills and basic directional concepts are learned and reinforced. This interactive storybook's simultaneous visual, tactile, and auditory feedback help the child attend to the path traveled by the ball. Also included are an assortment of interactive hook-and-loop material face pieces and suggested activities.

1-08450-00

Pumpkin Puzzles

APH offers two pumpkin puzzles related to The Littlest Pumpkin storybook. These puzzles, sold as a set, depict the Littlest Pumpkin and another jack-o'-lantern face. Orange and black foam puzzle pieces are reversible.

1-08835-01

Tactile Book Builder Kit ⚠️ [PARTS]

The Tactile Book Builder Kit contains a wide selection of materials, enabling users to quickly custom-make books of many kinds—firsthand experience storybooks, concept books, simple texture books, informational books, alphabet books, adaptations of print books, and more!

A large, varied assortment of pre-cut pages permits easy attachment of objects and presentation of collaged textures, shapes, raised-line drawings, and multisensory elements as illustration. Braille paper, braille label material, and clear page protectors offer multiple ways to add braille and print text. All pages fit into sturdy plastic binders with reclosable safety loops. Binders feature an open-view front to allow users to create and insert their own tactile cover art.

The Tactile Book Builder Kit includes one TBB SoundPage with three digital recording devices.

Note: Binders and pages in Tactile Book Builder and CVI Book Builder can be used interchangeably. Most kit components are available as replacement parts.

1-Ø8826-ØØ

Included (also available separately) is the **Tactile Book Builder: Guide to Designing Tactile Books**

This guidebook assists teachers and caregivers in addressing topics such as learning through touch, principles of good tactual design, and fine motor, exploratory, and cognitive skills needed to examine and interpret tactile illustrations in addition to much more.

7-Ø8826-ØØ

Sensing and Learning CVI ▶

The newly enhanced Sensory Learning Kit (SLK) is a guidebook designed to help develop the curiosity of learners with disabilities. Sensing and Learning includes new research and provides instructors with tools to conduct sensory efficiency and learning media assessments; address IEP areas such as instructional settings, accommodations, and goals; and provide highly effective instruction using a collaborative, consultation-service delivery model.

7-Ø8614-ØØ

7-Ø8614-EPUB

Giant Textured Beads CVI ⚠ PARTS

Introduces a variety of concepts, including shape, color, and texture. Also assists in the development of muscular and eye-hand coordination. Shapes have three textures. Bead stringer included.

Warning: Strangulation Hazard - Adults should be aware of the strangulation hazards associated with cords and take precautions through supervision and instruction to ensure children do not become entangled.

1-Ø378Ø-ØØ

Giant Textured Beads
With Pattern Matching Cards CVI ⚠ PARTS

This kit is designed with preschool through early elementary students in mind. Pattern Matching Cards reinforce the tactile continuum from real objects (most basic level) to raised-line graphics (most advanced level). Students in higher grades will be challenged by the increasing difficulty posed by the "Platform" and "3-D View" matching cards.

Warning: Strangulation Hazard - Adults should be aware of the strangulation hazards associated with cords and take precautions through supervision and instruction to ensure children do not become entangled.

1-Ø3778-ØØ

Textured Matching Blocks CVI

Encourages recognition of textures, identification by name, and tactual matching, while reinforcing directional and positional concepts.

1-Ø895Ø-ØØ

Textures/colors may change
depending on material availability.

Five Speckled Frogs UEB

This rendition of the familiar children's rhyme follows five frogs as they enjoy a nature-filled setting, sitting on a log, and jumping off one by one until they are all cooling off in a refreshing pond. Use the storyboard to interact with the text by making the frogs physically "jump" off the log into the water as you recite the familiar children's rhyme.

1-Ø83Ø1-ØØ

Sound Matching Board I

Develops fine motor skills and auditory matching and discrimination, with the capability of introducing sequential order.

1-08710-00

Sound Matching Board II

Helps develop concepts of a series, directions, positions, matching, and discrimination. Eight shakers with four different sounds.

1-08720-00

Small, Medium, and Large Circles, Set I

Introduces the concept of fine size discrimination. Frame contains three recessed nests for holding six foam circles of various sizes.

1-08590-00

Tangle Toy and Tangle Book Kit UEB CVI ⚠ PARTS

With its infinite knot shapes and variety of colors and textures, the Tangle Toy can be used to encourage a child to explore, move, and play. Tangle Book activities and games help both children who are sighted and children who are blind or low vision refine motor skills, color discrimination, and tactile discrimination.

1-08750-00

Spangle Tangle: Play and Explore UEB CVI ⚠ PARTS

Micro-suction-based mounts adhere to smooth surfaces to provide opportunities for all learners to improve visual and tactile attention, communication, and creativity. Through specially designed activities, the learner develops motor, problem-solving, cognitive, self-care, social, and pre-braille skills.

1-08755-00

Color-by-Texture CIRCUS Coloring Pages UEB CVI

These theme-based coloring pages complement APH's Color-by-Texture Marking Mats. These raised-line coloring pages facilitate a variety of art activities for young children and students who are blind or low vision.

1-Ø3333-ØØ

Color-by-Texture Marking Mats CVI PARTS

The primary goal of this product is to invite tactile learners to be active participants in art activities by making their own choices based on color and texture preferences.

The textured mats and related items can also be used by adults for more sophisticated art creations. The kit is ideal for promoting shared art experiences within a variety of instructional settings with sighted peers.

1-Ø3332-ØØ

Work-Play Trays CVI

Durable trays hold objects which might roll out of reach. Trays provide enclosed work space for sorting, matching, classifying, and counting. Two sizes and colors available.

Small Work-Play Tray
17x11.75 inches

Black 1-Ø3751-ØØ

Yellow 1-Ø366Ø-ØØ

Large Work-Play Tray
21.25x13.25 inches

Black 1-Ø3761-ØØ

Dividers (4-pk) for Small Work-Play Tray 1-Ø377Ø-ØØ

Jumbo Work/Play Tray CVI

The Jumbo Work/Play Tray provides learners who have visual impairments and/or other significant challenges with a tool with which they can play, explore, and learn independently. The large size (24x24 inches) allows ample space for active learning and prevents toys from rolling out of reach. A yellow liner accompanies the tray for additional color contrast.

1-Ø3764-ØØ

Balls not included.

Lots of Dots Coloring Book Series ⠃UEB

An exciting set of three raised-line coloring books designed for future large print and braille readers. The books are designed for sequential use; children develop character recognition, pre-literacy, and pre-math skills, and eventually picture building and daily living skills.

Accompanying each book are suggested enrichment exercises for each letter, number, or word, allowing a child to fully associate the print letter, the braille, the tactile graphic, and the object.

Learning My ABC's UEB

Facilitates braille character recognition through repetitive activities. Attached to the inside front cover is a plastic stencil of the jumbo cell that can be folded over the blank pages, allowing the student to practice the braille cell for that letter. Includes six foam dots for instant recall. Uncontracted braille. Accompanying enrichment guide is UEB.

1-10000-01

Counting 1 2 3 UEB

Presents numbers zero–30 and then integers of 10 up to 90. Attached to the inside front cover is a plastic stencil of three large braille cells. This can be folded over the blank pages, allowing the child to practice the braille cell for the number by tracing or by using the accompanying foam braille chips. Includes 18 foam dots for instant recall. Uncontracted braille. Accompanying enrichment guide is UEB.

1-10001-01

Coloring the Garden UEB

Presents a variety of fruits, vegetables, and herbs, and introduces picture building. Beginning with an empty garden; each page adds a new feature (clouds, rain, seeds, and plants). Once the garden has grown, a new garden item is introduced for the child to color. Includes contracted and uncontracted braille. Accompanying enrichment guide is UEB.

1-10002-01

Tactile Editing Marks Kit UEB PARTS

The use of tactile editing marks provides beginning writers with a concrete way to indicate changes on their braille drafts as they revise and edit short pieces. This enables students to write final correct copies of their work independently.

1-Ø8896-ØØ

All Aboard! The Sight Word Activity Express

This interactive and versatile set of magnetic print/braille labels will get your student excited and on the fast track to learning high-frequency sight words and common nouns."

1-Ø3558-ØØ

All Aboard! Magnetic/Dry Erase Board UEB

Use for activities involving magnetic-backed pieces or activities requiring dry erase markers. The working surface of the board measures 13.5x1Ø.6875 inches and is affixed to red rigid vinyl that provides a visual border.

1-Ø3559-ØØ

Wilson Reading System® (WRS) and Instructional Materials UEB
Third Edition

A complete curriculum for teaching decoding and encoding (spelling), beginning with phoneme segmentation. WRS provides an organized, sequential system with extensive controlled text to help teachers implement a multi-sensory structured language program.

This system addresses the learning style of students with a language-based learning disability; however, it is beneficial to any student lacking basic reading and spelling skills.

For more information and professional development opportunities on the use of the program and certification, visit **wilsonlanguage.com.**

Teacher Manuals may be ordered from the Wilson Language Training website.

Note: WRS Instructional Materials are needed to work with the WRS Large Print and Braille Student Kits.

WRS, Student Reader Kit, Braille
Third Edition

Student Reader One, Supplemental Worksheets One, Modified Workbooks 1A and 1B, Teacher's Brochure, and WADE Sheets

6-79511-SK1

Student Reader Two, Supplemental Worksheets Two, Modified Workbooks 2A and 2B, and Teacher's Brochure

6-79511-SK2

Student Reader Three, Supplemental Worksheets Three, Modified Workbooks 3A and 3B, and Teacher's Brochure

6-79511-SK3

WRS, Student Reader Kit, Large Print
Third Edition

Student Reader One and Workbooks 1A and 1B
8-795Ø1-SK1

Student Reader Two and Workbooks 2A and 2B
8-795Ø1-SK2

Student Reader Three and Workbooks 3A and 3B
8-795Ø1-SK3

WRS Instructional Materials ⚠️
Third Edition

**Card Sets w/Carry Case
6-79515-ØØ**

**WADE Sheets
6-79517-ØØ**

**Print/Braille Magnetic Tiles and Journal
6-79516-ØØ**

Word PlayHouse ⚠️

Helps students focus on phonics, spelling, and phonemic awareness. Use Word PlayHouse to teach beginning phonics and reading skills, including, letter recognition, braille code recognition, decoding, vocabulary, and spelling skills.

1-Ø3562-ØØ

Braille Contraction Cards ⠀UEB

These large print/braille flashcards are for practicing the Literacy Braille contractions.

Includes 282 cards, 78 blank cards, 3Ø indexing cards with tabs, and a storage box.

1-Ø3561-Ø1

Expanded Dolch Word Cards UEB

These large print/braille flashcards can be used for reading practice or an informal assessment of a student's ability to read words in contracted braille and spell words in uncontracted braille.

1-Ø356Ø-Ø1

Mathematics

Mathematics Related Products

Graph Benders UEB ⚠️

Great for math and science alike, teachers and students can use Graph Benders to plot graphs and tactile diagrams/charts that are both tactile and visual, as well as durable.

Graph Benders' flexible strips and point symbols (triangles, circles, squares) can be applied directly to paper, and are an excellent way for students to demonstrate their mastery of math or science concepts. This product pairs well with APH's Feel 'n Peel Stickers: Point Symbols, Tactile Compass for Math and Art, Graphic Aid for Mathematics, and our selection of Embossed, Low-Relief, and Boldline Graph Sheets.

1-Ø34ØØ-ØØ

AnimalWatch Vi
Building Graphics Literacy App (for iPad) ▶️

Recommended for students in fifth to eighth grade, this app contains ten units with warm-up problems and two problem sets that teach students how to read and interpret different types of graphs: bar graphs, line graphs, circle graphs, Venn diagrams, coordinate planes, box plots, maps, and data tables. The graphs also tell fascinating stories about endangered species, such as the Tasmanian devil, platypus, and dinosaur ant.

Note: Students who are blind or low vision will need to purchase the supplemental tactile graphics (provided by Lighthouse San Francisco) to complete the app's ten units.

D-3ØØ4Ø-AP

AnimalWatch Vi Suite (for iPad) ▶️

The AnimalWatch Vi Suite includes a free iPad app and accompanying braille and print materials. Students at the pre-algebra level (grades five to seven) can build their math word problem solving skills while learning about endangered and invasive species, such as the black rhino, cheetah, gray wolf, and white shark.

Available from the App Store

Geometric Drawing Stencils N

Geometric Drawing Stencils is an accessible set of manipulatives and 3D printable files that students who are blind or low vision can use to draw common shapes and functions. This collection of durable geometric stencils includes drawing strips, circles, ellipses, parallelograms, trapezoids, triangles, and more!

1-Ø88Ø7-ØØ

FOCUS Cubes and Cylinders R

FOCUS Cubes and Cylinders is a set of mathematics manipulatives containing wooden cubes and plastic cylinders in a variety of sizes and heights. The manipulatives kit can be used for counting, sorting, pattern matching, and identifying 3D shapes.

1-Ø8271-Ø1

Important Icon Legend

N New Product
R Revised Product

UEB UEB
Products with this icon are transcribed in Unified English Braille (UEB).

CVI CVI
Products with this icon may be appropriate for learners with CVI. Comprehensive assessment should determine which products are best matched to your learner's needs.

⚠️ **Safety Warnings**
Please note and follow the small parts choking hazard and other warnings indicated for certain APH products.

PARTS **Replacement and Optional Parts Available**
Products with this icon have available replacement parts.

▶️ **YouTube**
Product videos available on APH's YouTube Channel. **youtube.com/user/aphftb**

Tactile Five and Ten Frames UEB

Print math books use five and ten frames as part of the common core standards. This accessible, tactile version helps young students to visualize sets of five and ten, thus helping to develop subitizing skills - the ability to instantly see "how many." Simply set down one or more of the plastic frames on a table and insert the included tactile tokens into the slots. Tactile Five and Ten Frames supports the development and understanding of counting and cardinality, composing and decomposing numbers, place value, and addition and subtraction skills.

1-Ø3567-ØØ

Math Symbol Reference Booklets UEB

Make teaching and learning math a breeze with Math Symbol Reference Booklets. The included Nemeth Code Reference Booklet and UEB Reference Booklet contain a list of Nemeth or UEB math symbols, along with an explanation for what each symbol represents. The large print and braille Booklets, list different subcategories of math symbols and what they represent. Perfect for beginner, intermediate, and advanced learners.

Large Print
7-873ØØ-ØØ

Braille
5-873ØØ-ØØ

Math Drill Cards ⠿ UEB

Elementary students who are blind or low vision can quickly and easily learn their math facts with Math Drill Cards! These large print and braille cards include a math fact on one side of the card, and the fact with the answer featured on the opposite side. Both UEB and Nemeth versions are available.

Note: Some assembly required. These cards can also be used with the Card Chart Kit, 1-Ø355Ø-ØØ.

Number & Math Signs
UEB 1-Ø3545-ØØ
Nemeth 1-Ø3551-ØØ

Addition
UEB 1-Ø3546-ØØ
Nemeth 1-Ø3552-ØØ

Subtraction
UEB 1-Ø3547-ØØ
Nemeth 1-Ø3553-ØØ

Multiplication
UEB 1-Ø3548-ØØ
Nemeth 1-Ø3554-ØØ

Division
UEB 1-Ø3549-ØØ
Nemeth 1-Ø3555-ØØ

Hundred Boards and Manipulatives ⠿ UEB

Great for the elementary math classroom, Hundred Boards and Manipulatives can be used to teach basic math concepts including patterning, counting, ordering numbers, comparing numbers, addition and subtraction, and base ten number system. This product includes a number board, a grid board, and two sets of manipulatives: numbers and shapes.

Nemeth
1-Ø31Ø7-ØØ

UEB
1-Ø31Ø6-ØØ

Flip-Over Concept Books

These books provide interactive, independent learning for young children as they build basic concepts and develop early tactile skills. The format of the books consists of tactile, full-color panels that can be flipped until the child finds adjacent panels that continue a line or pattern, complete a sequence, build an image, etc.

TELLING TIME ⠠⠠⠮⠃

This book portrays side-by-side representations of both analog and digital clocks that learners can independently set, compare, and read. The movable hour and minute hands on the analog clock creates a hands-on learning experience that makes telling time interactive and enjoyable.

Nemeth	UEB
1-Ø8813-ØØ	1-Ø8814-ØØ

LINE PATHS

The goal is for the child to find three adjacent panels that continue the same type of line path (e.g., solid, dotted, double-dotted, etc.).

1-Ø8831-ØØ

PARTS OF A WHOLE

The goal is for the child to find two adjacent panels that complete the whole picture as shown in the first (or left-hand) panel.

1-Ø8832-ØØ

TEXTURES CVI PARTS

The goal is to find three adjacent panels that are embossed with the same textured pattern. Teachers/parents may select from an assortment of textured vinyl panels to build a unique flip-over book.

1-Ø8829-ØØ

FRACTIONS UEB CVI PARTS

This is an interactive print and braille book designed to teach elementary students who are blind or low vision about fractions, decimals, and percents. Teachers and parents can create their own lessons by fully customizing the presentation of the fraction panels offered in the book.

Nemeth
1-Ø8821-ØØ

UEB
1-Ø8814-ØØ

Place Value Setter UEB ⚠

With its refreshable and concrete display, the Place Value Setter gives first to third grade students a prompt way to represent numbers using written digits. It is useful for setting up place value problems quickly in inclusive settings so that students can follow and participate in classroom instructions.

1-Ø8284-ØØ

Math Robot ▶

APH's Math Robot™ has a smart "know-it-all" math robot character that provides fun drills and practices for simple math problems. The app is both self-voicing and accessible with VoiceOver on Apple devices. A low vision mode adds extra contrast.

Available from the App Store
D-3ØØØØ-AP

Practice2Master Fractions ▶

A fully accessible app that every elementary school math teacher should have in their teaching toolbox - Practice2Master Fractions helps students become proficient in fraction calculations. It supplements teachers' instructions by providing students with an unlimited number of problems to practice. App works with devices running iOS 9 or later, and is compatible with VoiceOver.

Available from the App Store
D-3ØØ8Ø-AP

Math Flash CVI

The accessible flash card app for basic math facts and mental math is ideal for use by an entire class. Math Flash provides fun drills and practices for simple math problems. Math Flash announces each problem as it comes up. Teachers, parents, and students can set the range of numbers, the mathematical operations, the number of tries, and more. New on the Math Flash app for Android devices, the app is both self-voicing and accessible with the screen reader TalkBack.

Available from APH for free download for Android devices
D-3ØØ7Ø-AP

Important Icon Legend

N **New Product**

R **Revised Product**

UEB **UEB**

Products with this icon are transcribed in Unified English Braille (UEB).

CVI **CVI**

Products with this icon may be appropriate for learners with CVI. Comprehensive assessment should determine which products are best matched to your learner's needs.

⚠️ **Safety Warnings**

Please note and follow the small parts choking hazard and other warnings indicated for certain APH products.

PARTS **Replacement and Optional Parts Available**

Products with this icon have available replacement parts.

▶️ **YouTube**

Product videos available on APH's YouTube Channel. **youtube.com/user/aphftb**

Graph Sheets

Boldline graph sheets have thick unit lines and thinner sub-unit lines. Embossed graph sheets have braille dot grids on manila paper.

8.5x11

Embossed (5Ø-pk)
7x1Ø grid
1-inch squares
1-Ø4Ø55-ØØ

Boldline (1ØØ-pk)

31x4Ø grid
1/4 inch squares
1-Ø4Ø62-ØØ

For Bar Graphs
15x2Ø grid
1/2 inch squares
1-Ø4Ø63-ØØ

11.5x11

Embossed (5Ø-pk)
13x13 grid
3/4 inch squares
1-Ø4Ø57-ØØ

10x1Ø grid
1-inch squares
1-Ø4Ø58-ØØ

18x21 grid
1-inch margin on three sides
1/2 inch squares
1-Ø4Ø59-ØØ

Boldline (1ØØ-pk)
1Øx1Ø grid
1-inch squares
1-Ø4Ø69-ØØ

Boldline Tactile Graph Sheets

These graph sheets combine tactile and print, which expand APH's graph sheet collection previously available only in embossed paper or print-only packages. Label and embellish the graph sheets using a variety of methods (e.g. braillewriter, line-embossing tools, tactile stickers, graphic art tape, etc.).

1-Ø4Ø8Ø-ØØ

Low-Relief Embossed Graph Sheets

Great for teachers and transcribers to use in making charts and graphs. Grid is embossed on 11.5x11 inch, 8Ø# braille paper with margins, (25-pk).

2Øx2Ø Grid
1/2 inch squares, X-Y axis
1-Ø4Ø45-ØØ

Mathematics

Slapstack Math (for iOS devices) ▶

Slapstack Math™ is fully accessible for all users. The goal is to collect the most points by pulling in the most cards. Two to eight players can play on the iPad, or two to four players on the iPhone.

Available from the App Store
D-30025-AP

Draw2Measure Protractor (for iOS devices) ▶

This app is designed for students who are blind or low vision, and can be used by sighted students, too! It gives students an alternative way to measure angles, thus meeting students' diverse needs in math and science classrooms. Works with devices running iOS 8 or later.

Watch a **short video** to see the Draw2Measure™ Protractor app in action!

Available from the App Store
D-30023-AP

Tactile Algebra Tiles UEB ⚠ ▶

Tactile Algebra Tiles is an accessible version of traditional algebra tiles, specifically designed for students who are blind or low vision. It includes magnetic tiles that the students can manipulate on a steel board, and uses tactile symbols to help students differentiate between tiles. Colors are chosen with consideration for the needs of students who have low vision. This product is consistent with traditional algebra tiles used by sighted students, allowing students who are low vision to work together with their classmates in inclusive classrooms.

1-08410-00

Tactile Tangrams CVI ⚠ PARTS

The materials and activities presented in APH's Tactile Tangrams make this puzzle accessible to students and adults who are blind or low vision. The use of tangram puzzles encourages the development and reinforcement of many educational and recreational skills, including spatial reasoning, shape recognition, size comparison, pattern replication, and independent problem solving.

1-Ø8439-ØØ

MathBuilders ⚠ PARTS

This supplementary math program is separated into eight units by content standards and grade level. This allows the teacher to focus on specific standards or provide remedial material for individual students.

Large Print Kits

Unit 1 Matching, Sorting, and Patterning
7-Ø356Ø-ØØ

Unit 6 Geometry
7-Ø3563-ØØ

Unit 8 Data Collection, Graphing, and Probability/Statistics
7-Ø3565-ØØ

Measurement R

A free supplementary math curriculum designed to support young students as they develop foundational skills in measurement and estimations. The updated version now includes UEB and print worksheets in addition to the digital guidebook now available for free download. Each lesson is aligned with NCTM standards and organized by content and grade level to allow you to customize the content to your learner.

7-Ø3562-ØØ

Mathematics

Nemeth Tutorial

APH's online Nemeth Tutorial consists of over 5Ø lessons within 11 chapters. It shows teachers and students the rules of the Nemeth Braille code and provides exercises to help teach it.

D-3ØØ32

UEB Math Tutorial ⠨⠿

APH's UEB Math Tutorial contains over fifty lessons broken into ten chapters that cover the rules of UEB Mathematics. Accessible to all users, this web-based program runs on any modern computer platform, works well with refreshable braille displays, and it is available free-of-charge!

D-3ØØ32-ED

Consumable Number Lines

Reinforces beginning number concepts such as counting, sequencing, number recognition, number relationships, addition, and subtraction. Use the blank number lines to provide a concrete representation when introducing fractions, decimals, or negative numbers.

Large Print
1-Ø3Ø12-ØØ

Braille/Tactile
1-Ø3Ø13-ØØ

Desktop Stick-On Number Lines

Visually and/or tactually demonstrate basic number concepts. Number Lines are reusable up to five times. The adhesive will not permanently stick to surfaces. Sold in (5-pk).

Large Print/Braille
1-Ø3481-ØØ

Analog Clock Model

Helps teach time-telling concepts. Has braille and raised large print markings, and hands that are easily rotated. Model has no motor.

1-Ø3125-ØØ

Clock Face Sheets in Braille

Each sheet contains four embossed braille clock faces. Clock hands can be added to these blank clock faces. Embossed on 11.5x11 inch manila transcribing paper, (25-pk), 3-hole punched.

1-Ø3111-ØØ

Geometro Medium Set `UEB` `PARTS`

Provides hands-on experience with manipulatives that aid in teaching 3-D geometry. Geometro pieces use hook-and-loop material to adhere to each other and are easy to handle, sturdy, and safe.

1-Ø3Ø23-ØØ

Geometro Shapes `UEB`

Optional sets can be purchased in addition to the Geometro kits. These shapes can be combined with the main Geometro kits to create additional 3-D solids.

Octagons (6-pk)
1-Ø3Ø26-ØØ

Geometro Pentagons
61-421-2Ø2

Geometro: Rectangles and Isosceles Triangles (12 pk) `N`
1-Ø3Ø28-Ø1

Geometro Cylinder and Cone `UEB`

These materials provide students with flat plastic shapes (six circles, two rectangles, and two circle sectors) that can be readily joined to form two cylinders and two cones.

1-Ø3Ø3Ø-ØØ

Student Workbook Kit for Geometro ⚠️ `PARTS`

This Kit is designed for students in the elementary grades, and revolves around three kinds of 3-D and 2-D tasks.

1-Ø3Ø21-ØØ

Textured Sorting Circles and Shapes CVI ⚠

These assorted shapes are provided in a variety of textures, sizes, and colors. The accompanying sorting circles are also provided in a variety of colors and textures, and can be used to create Venn diagrams.

1-Ø8834-ØØ

Tactile Compass for Math and Art UEB ⚠

This assistive tool enables students to draw tactile circles up to 6-inches in diameter and includes tactile markings in inches and centimeters. Includes two different spur wheels to draw both single-line and double-line circles. Used in combination with braille paper or plastic film and a rubber mat (not included with this product).

1-Ø8894-ØØ

StackUps: Spatial Reasoning Using
Cubes and Isometric Drawings PARTS

Encourages students using 2-D and 3-D shapes to: recognize, name, build, draw, compare, sort, and describe attributes and parts; as well as investigate and predict the results of putting together and taking apart.

1-Ø896Ø-ØØ

Addition and Subtraction Table (Nemeth)

Large print/braille tool designed to reinforce the basic addition and subtraction facts. Includes ten printed/embossed charts and a print guidebook.

5-82699-00

Multiplication and Division Table Kit PARTS

The chart is printed/embossed on white index stock and is 3-hole punched. Alternating rows are highlighted to help students with low vision easily track numbers. Includes ten charts (grids) and a print guidebook.

Nemeth
5-82700-01

Consumable Hundreds Chart

This graphic organizer for the numbers 1–100 helps learners develop the skills they need to become flexible and fluent problem solvers and meet the requirements of many state standards as well as the Common Core State Standards.

The chart is printed/embossed on white index stock paper. Alternating rows are highlighted to help students with low vision easily track numbers. Includes ten charts (five with highlighting and five without highlighting) and a large print guidebook.

5-82710-00

Geometry Tactile Graphics Kit

Set of thermoformed raised-line drawings depicting geometry concepts, figures, and relationships. Graphics are larger and easier for students to measure than those in braille textbooks.

1-Ø8841-ØØ

Braille/Large Print Protractor

Bold large print numbers and raised dots mark the 18Ø degrees of this protractor, with markings every five degrees. The lines are bold and the type is 18 point. This protractor features a pivoting wand. When aligned with a certain degree measurement, the corresponding angle is created by the wand and the bottom edge of the protractor.

1-Ø4115-ØØ

Large Print and Tactile Protractors

Students can use the same convenient measuring tools in both classroom and assessment situations. Both protractors are made of lightweight, clear plastic and feature a movable, transparent yellow wand. Notches on bottom left and right allow for pinning to a surface.

Large Print (4-pk)
1-Ø4116-ØØ

Tactile (4-pk)
1-Ø4117-ØØ

Mathematics

Fractional Parts of Wholes Set ⠗ UEB ⚠ PARTS

Tactile circles introduce the concepts of wholes, halves, thirds, and fourths. This set contains one work tray with three form boards and 3-inch diameter circles, one whole, and the others cut into halves, thirds, and fourths.

1-Ø329Ø-ØØ

Graphic Aid for Mathematics ⠗ UEB PARTS

Construct geometric and other figures and graphs related to arithmetic, algebra, geometry, trigonometry, and calculus. Consists of a cork board mounted with a rubber mat embossed with a 34x3Ø grid of 1/2 inch squares. Included are flat spring wires, push pins, and rubber bands.

1-ØØ46Ø-Ø1

Brannan Cubarithm Slate and Cubes ⠗ UEB ⚠

Young students may find it easier to use this device rather than a brailler to align mathematical problems. A rubber frame with a 16x16 grid pattern of nests will hold small plastic cubes numbered zero through nine in braille (no print).

Frame and cubes are sold separately.

Cubarithm Slate
1-ØØ32Ø-ØØ

Plastic Cubes Set of 1ØØ
1-ØØ33Ø-ØØ

Quick Pick Math

This math game consists of a plastic packet with 5Ø large print/braille cards. To play, the student inserts the included tool in one of four holes in the front of the plastic packet. If the answer is correct, the card will slide out. If the answer is incorrect, the card will not pull out. Transcribed in Nemeth Braille.

Addition
1-Ø357Ø-ØØ

Subtraction
1-Ø3571-ØØ

Multiplication
1-Ø3572-ØØ

Division
1-Ø3573-ØØ

Quick Pick Counting

A game designed to help young children learn to count to 12 with raised-line symbols and braille numbers.

1-Ø3574-ØØ

Large Print/Braille Toss-Away Ruler

This ruler, with markings in both large print and braille, is designed for the classroom or testing and assessment situations where an inexpensive measuring device is needed. 7-inch rulers marked with centimeters and inches are printed/embossed on assorted bright colors of heavy paper with high contrast numbers.

Rulers (24-pk)
1-03010-00

Flexible Rulers (Braille/Large Print)

These flexible rulers allow tactual and visual measurement of flat or curved surfaces.

18-Inch (5-pk)   **30-Centimeter (5-pk)**
1-03050-00   **1-03031-00**

1-Foot Braille Rulers UEB

Plastic rulers taper on the edge. A metal caliper slide to aid in accuracy is included. Offered in Metric-English and English.

Metric-English   **English**
Measurement Ruler   **Measurement Ruler**
1-03100-00   **1-03070-00**

Braille/Large Print Yardstick

Made of durable white plastic, drilled for hanging. Has raised-line markings along one edge in 0.25 inch increments, with braille marking every inch. Black large print markings are along the opposite edge in 0.25 inch increments.

1-03002-00

Practice2Master Abacus CVI

This is a fully accessible app that makes abacus learning a fun and interactive experience. Practice2Master Abacus can be used as a supplement to classroom instructions in which teachers can assign practice tasks or drills to students. It may also be used as a self-learning tool that includes systematic instructions and practice to help students start from the basics and become proficient abacus user.

Available from the App Store
D-3ØØ8Ø-AP

Available from the Google Play Store
D-3ØØ8Ø-AN

Abacus Basic Competency: A Counting Method ▶

Teaches abacus skills in the four basic math operations. This abacus instructional system uses the Counting Method instead of the traditional indirect method.

Large Print
7-ØØ219-ØØ

Using the Cranmer Abacus for the Blind ▶️

This manual instructs users who are blind or low vision in the use of the Cranmer Abacus. Gives instructions on how to add, subtract, multiply, divide, extract roots, compute decimals and fractions, and use the abacus as a calendar. Practice exercises are included.

Note: APH does not carry this publication in inventory for immediate delivery. When you order it, we will produce it for you as a special order; therefore, allow several weeks for delivery.

Large Print
4-27110-00

Braille
6-50100-00

APH Offers Three Abacuses to Address a Variety of Needs

Each abacus consists of a black frame with white beads that slide against a red felt backing. The red felt background provides a good visual contrast and prevents beads from slipping.

Expanded Beginner's Abacus Kit UEB PARTS ▶️

This abacus lends itself to preparing a young student for the Cranmer Abacus. The simple design allows for enhanced readability for "little fingers." Includes print guidebook. Measures 5.37x3.25x0.75 inches.

1-03181-00

Cranmer Abacus UEB ▶️

A 13-rod abacus. Frame measures 6.125x3.125 inches. White beads have a diameter of 3/8 inch. Red felt backing prevents beads from slipping.

1-03150-00

Large Abacus UEB ▶️

Young students and those without fine motor skills can benefit from this large 13-rod abacus. Beads are 1/2 inch in diameter.

1-03170-00

Tactile Ionic Bonding Kit N UEB

The Tactile Ionic Bonding Kit is a tactile model system designed to introduce ionic bonding to blind and low vision students. This kit features flexible foam subunits to represent elemental atoms, with each piece labelled in large print and braille for easy identification. Each piece lists the element's name, the atomic symbol, and the atomic number.

UEB 1-Ø3132-ØØ

Nemeth 1-Ø3133-ØØ

Tactile Demonstration Thermometer R UEB

Tactile Demonstration Thermometer, now in UEB and Nemeth, enables students who are blind or low vision to explore temperature in both Celsius and Fahrenheit.

UEB 1-Ø3Ø33-ØØ

Nemeth 1-Ø3Ø32-ØØ

Submersible Audio Light Sensor (SALS) UEB

SALS can be used in the air and in liquids to detect differences between light and dark-colored objects. The device will alert the user to a change in an experimental feature, such as the formation of a precipitate in a test tube, which would decrease light within.

1-Ø3995-ØØ

Azer's Interactive Periodic Table Study Set ⚠️

This interactive periodic table study set is designed to make learning about the Periodic Table of the Elements accessible to students who are blind or low vision.

The tangible materials included with this study set complement APH's Periodic Table of the Elements Reference Chart and allow students to enhance their understanding of concepts consistent with the National Science Standards.

Note: The braille guidebook is sold separately. Some assembly required – the customer affixes a single round loop fastener to the back of each element piece and accessory before using with the provided tri-fold board.

Nemeth 1-Ø8856-Ø1

Now with updated elements

Build-A-Cell 🔡 ⚠️ 🟪PARTS

The fundamental characteristics of, and differences between, various cell types have been known for a long time and are discussed in almost all biology textbooks. While all cells share certain structural parts, cells of different evolutionary origins have components that set them apart from each other. Build-A-Cell helps students who are blind or low vision understand these concepts by providing a full-color, tactile, and interactive representation of the internal and external structures of bacterial, animal, and plant cells.

1-Ø8974-ØØ

Health Education Tactile Graphics ⠥⠑⠃ UEB

Strengthen your health education curriculum by referring your students to new tactile graphics detailing the skeletal, muscular, reproductive systems, and much more. The tactile graphics presented in this product correspond to the anatomical and physiological systems presented in *Health Education for Students With Visual Impairments: A Guidebook for Teachers.*

Health Education Tactile Graphics comprises a 3-Ring binder containing 2Ø full-color, print and braille labeled vacuum-formed tactile graphics. This collection includes the skeletal, muscular, nervous, circulatory, lymphatic, respiratory, digestive, excretory, endocrine, and reproductive systems. The reproductive system includes male and female internal and external anatomy.

1-Ø8Ø55-ØØ

Health Education for Students with Visual Impairments: A Guidebook for Teachers ⠥⠑⠃ UEB ▶

APH developed this guidebook specifically for teachers who provide instruction to students with visual impairments, ages five through 21. This guidebook does not provide a comprehensive curriculum that covers all areas of health education. Rather, it provides ways to make specific aspects of health education accessible to students with visual impairments.

Note: This guidebook is intended for teachers only. APH does not recommend that any student read this guidebook or view the accompanying videos.

1-Ø8Ø54-ØØ

DNA Twist

Demonstrates the three-dimensional structure of the DNA molecule. Shipped flat and easily twists to form the familiar double-helix configuration. The included stand holds the model in its twisted shape. A large print instruction booklet provides information about DNA and educational resources.

1-Ø8978-ØØ

DNA-RNA Kit UEB

Learn about and demonstrate the formation of single and double strands of DNA, DNA replication, and transcription of DNA to messenger RNA with this accessible kit. Kit includes interlocking DNA and RNA nucleotides and a large print guidebook for students and teachers.

1-Ø8979-ØØ

Protein Synthesis Kit UEB PARTS

This kit is an accessible, interactive model that expands on the molecular biology concepts introduced by the DNA-RNA Kit. The Protein Synthesis Kit includes jigsaw puzzle-like pieces representing transfer RNA nucleotides, Stop and Start subunits, all twenty amino acids, and the APH Genetic Code Large Print Braille. A guidebook with instructions is also included.

1-Ø8975-ØØ

Adapted Science Materials Kit (UEB)

Designed for K-12 students, this kit includes many items originally devised by educators at the Lawrence Hall of Science in Berkeley, California, and enables students with visual impairments to participate in science lessons and experiments alongside their sighted peers. All items fit in the APH Innovations Tote Bag.

1-08997-00

Earth Science Tactile Graphics (UEB)

Learn about glaciers, volcanoes, tectonic plate boundaries, the water cycle, and much more with Earth Science Tactile Graphics, a reference volume intended to supplement the graphics in a student's classroom textbook.

The graphics are rendered in full-color with several types of lines and textures, in addition to differing heights. Diagrams are labeled in print and braille, and teachers can add to, or change, the labels with self-adhesive braille label material.

1-03131-00

Basic Science Tactile Graphics

Basic Science Tactile Graphics are vacuum-formed, raised-line drawings depicting objects, concepts, and relationships that are covered in nearly all elementary science textbooks.

They are intended to supplement, not replace, the graphics in a student's adapted textbook. Instructional hints and suggestions are given for each tactile drawing. Includes 52 graphics.

1-08850-00

Life Science Tactile Graphics

Vacuum-formed, full-color, raised-line tactile graphics intended to supplement the figures and diagrams in life science textbooks. Life Science Tactile Graphics depict organisms, processes, concepts, and patterns which are typically covered in middle and high school life science courses. Includes 56 graphics. Braille Teacher's Guide available as a free download.

1-Ø884Ø-ØØ

Basic Tactile Anatomy Atlas

This two-volume set of thermoformed tactile graphics gives a comprehensive overview of the human body. Each tactual diagram has braille and print labels with a brief braille description. A print version of the brailled text is included.

1-Ø8845-ØØ

Touch, Label, and Learn Poster:

Human Skeleton (Anterior View) UEB ⚠ PARTS

This kit provides an interactive presentation for reviewing the names, locations, and relationships of human skeletal bones. Poster has a dual tactile/color design.

1-Ø8976-ØØ

Sense of Science Series

Sense of Science is a hands-on, multi-sensory series designed to make the world of science accessible, understandable, and enjoyable.

The main component in each Sense of Science kit is a set of colorful, raised-line overlays designed to be used with a light box, or as stand-alone items. An accompanying large print guidebook (braille edition available separately) suggests activities using the overlays and supplemental teacher-provided materials to enhance and extend the learning experience. Each kit comes with two work trays and a variety of visual tactile overlays.

Sense of Science: Plants PARTS

A unique science series for students with low vision and other students who may benefit from a multi-sensory approach to learning.

1-Ø898Ø-ØØ

Sense of Science: Animals PARTS

Activities incorporate a step-by-step procedure, an extended activity, a visual adaptation, math and language connections, and a science tidbit.

1-Ø899Ø-ØØ

Sense of Science: Astronomy PARTS

This set of materials is appropriate for a broader range of ages and grade levels of students who are blind or low vision. Activities are complemented by the included visual/tactile overlays and fold-out 2-D displays.

1-Ø8991-ØØ

WORLD MAPS

Prepared by
Nancy Amick and Ruth Bogia
The Princeton Braillists

Manufactured by
American Printing House for the Blind, Inc.

Social Studies Related Products

Tactile World Globe [UEB]

Offers more tactile and braille information than previous APH tactile globes. A clear plastic overlay covers a standard 12-inch political globe with a non-skid wood base.

Includes

- Raised topographical land area, with all continents labeled in braille
- Major oceans labeled in braille
- Raised latitude and longitude lines labeled in braille (as space accommodates)
- Discernible, contrasting raised lines for the Equator, International Date Line, Prime Meridian, Tropic of Cancer, and Tropic of Capricorn

1-Ø1551-Ø1

World Maps

Thermoformed on durable 11.5x11 inch vinyl, these tactile maps are a comprehensive aid to geographic instruction and orientation. With tactile maps of all the continents, regions, and countries of the world, these maps use clear variations in height and texture. Labeled in braille, the facing pages have key information in braille and large print.

5-Ø6ØØ1-ØØ

World at Your Fingers

This large tactile reference map shows the major oceans and land masses using high-contrast raised surfaces, braille and print labels, and textured lines and areas. It also shows major mountain ranges, rivers, and lines of longitude and latitude.

1-Ø119Ø-ØØ

U.S. & Canada Tactile/Print Atlas

The U.S. & Canada Tactile/Print Atlas is a reference volume of thematic maps for use in geography, history, or social studies classes, or for general informational use outside the classroom.

1-Ø192Ø-ØØ

Music Braille Wheel
Use and Resource Guide
Anna Tellis-Ackley • Laura Zierer

The music braille wheel was created to help students, TVIs, families, and music teachers quickly reference the dot formations of music braille notes. The wheel has the musical notes; C-D-E-F-G-A-B and rests, with the print symbol, and simulated braille formation. A reference guide is included that shows the specific braille dot numbers for each note and their corresponding solfege. When looking for a specific braille music symbol, locate the note on the outermost ring and place the wheel down in front of you with the desired note name at the top. Next, rotate the inner circle to reveal the note's braille characters.

Quick Reference Guide

Note name	C	D	E	F	G	A	B
Print note on music staff							
Eighth	1 4 5	1 5	1 2 4	1 2 4 5	1 2 5	2 4	2 4 5
Quarter	1 4 5 6	1 5 6	1 2 4 6	1 2 4 5 6	1 2 5 6	2 4 6	2 4 5 6
Half	1 4 5 3	1 5 3	1 2 4 3	1 2 4 5 3	1 2 5 3	2 4 3	2 4 5 3
Whole	1 4 5 3 6	1 5 3 6	1 2 4 3 6	1 2 4 5 3 6	1 2 5 3 6	2 4 3 6	2 4 5 3 6

Add dot 6 for quarter notes. Add dot 3 for half notes. Add dots 3 and 6 for whole notes.

(Simulated braille and solfege shown on other side)

Fine Arts Related Products

Music Braille Wheel Kit N

The Music Braille Wheel is the perfect resource for any student, instructor, or parent, who is not familiar with the music braille code. Each music braille note can be referenced by adjusting the top portion of the wheel. The wheel is backed with a non-slip material so that it stays firmly in place when being used on any flat surface.

1-00031-00

Music Braille Flash Cards

Students who are blind or low vision can quickly and easily review the Music Braille code with these handy flash cards! Each card features a music term in large print and UEB braille on one side and the music braille symbol for the word on the opposite side.

Note: These cards can be used as a supplement or reinforcement to the lessons taught in the Feel the Beat curriculum (5-41100-00).

5-36500-00

Feel The Beat

The ability to "play music by ear" is an asset but is only one part of playing music.

As part of braille literacy, braille readers should be introduced to braille music at the same time that sighted peers begin reading music in print (usually around third or fourth grade).

The lessons in this curriculum teach the Music Braille Code, and focus on reading, playing, and memorizing measures through the use of a soprano recorder.

5-41100-00

Paint-by-Number Safari ⠿

Learn about art, nature, and colors with the Paint-by-Number Safari™ coloring series! Each Paint-by-Number set includes ten raised-line drawings of real-world subjects that are printed and embossed on heavy paper, with fun facts in both print and braille, and a color guide. 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 a specific color code for that creature.

Tropical Rainforest

Tropical Rainforest is the first book in the Paint-by-Number Safari Series. Students will enjoy painting or coloring creatures that live in the Tropical Rainforest including a butterfly, capybara, chameleon, frilled lizard, hummingbird, sloth, snake, toucan, tree frog, and uakari.

1-Ø3934-ØØ

Under the Sea

Take a deep dive Under the Sea while coloring or painting images of a clownfish, crab, dolphin, jellyfish, octopus, sea turtle, seahorse, seal, shark, and stingray.

1-Ø3936-ØØ

Backyard Creatures

Learn about the colors and creatures found in the backyard. This set contains images of a bat, luna caterpillar/moth, deer, ladybug, rabbit, raccoon, skunk, squirrel, turkey, and woodpecker.

1-Ø3938-ØØ

Desert Creatures

In the fourth edition of Paint-by-Number Safari, learn the warm colors of the desert and how creatures survive with very little water. This set includes big horn sheep, camel, tortoise, fennec fox, gila monster, lion, king penguin, roadrunner, tarantula, hawk wasp, and verdin.

1-Ø3939-ØØ

Endangered Species

Endangered Species is the fifth and final addition to the Paint-by-Number Safari series, which is designed specifically for beginning and intermediate artists. Students will enjoy perfecting their art skills as they learn about endangered species. Custom-made drawings of endangered wildlife are printed and embossed on heavy paper, making this coloring series fun for all! Each image includes fun facts about that creature's life, including size, diet, predators, environment, and why they're endangered, along with a specific color code for that creature.

1-Ø3942-ØØ

Paint Pot Palette:
Creating Art Through Touch UEB ⚠️

Includes a set of custom-made, whimsical drawings by San Francisco artist Debi Harrison titled Color SENSEation. The pictures are printed and embossed on heavy paper; each picture is titled in print and braille. The embossed lines make it easy to trace the subjects with fingers and then follow with a crayon or paint brush. Also includes a palette (designed and molded to hold art supplies in place), four paint pots, four brushes (two round, two flat), water cup, nine braille tiles, watercolor paint (one tube each of red, blue, yellow, black, and white), and a stir stick.

1-Ø3933-Ø1

Braille Beads: APH Starter Kit ⚠️ PARTS

These small, plastic rectangular beads have braille on one side and incised print letters on the other. Kit also includes fun image beads. Braille Beads measure 1Ømm tall x 8mm wide x 5mm deep (braille height is Ø.52mm). Kit includes the large print and braille Bejeweled With Braille guidebook.

1-Ø8879-ØØ

Feel 'n Peel Products

These fun and educational tactile/visual stickers and sheets have a variety of uses, and are printed and/or embossed on durable plastic with bright, translucent colors.

Carousel of Textures CVI ⚠️ PARTS

These colorful, tactile sheets provide a simple way to create graphs and adapt games and art projects. Used by teachers, parents, students, and adults - these sheets provide a variety of textures and colors to complement Carousel of Textures.

Note: The colors, textures, and/or quantities of sheets and types of adhesive included may differ over time due to unexpected changes in availability.

1-08863-00

Carousel of Textures II UEB CVI ⚠️ PARTS

Multi-use tactile sheets in a variety of textures and colors that broadens the selection of materials included in Carousel of Textures.

1-08897-00

Braille/Print Capital Letters A-Z ⚠️

Capital Letters A-Z are intended for the creation and adaptation of print capital letter materials for individuals who are blind or low vision.

These multi-use braille/print stickers are embossed on clear, durable plastic.

1-08870-00

Braille/Print Numbers 0-100 UEB ⚠️

These multi-use tactile stickers are printed and embossed on clear, durable plastic and are intended for the creation and adaptation of science and math-related materials.

Nemeth	UEB
1-08876-00	**1-08971-00**

Basic Math Symbols UEB ⚠️

These multi-use braille/print stickers are embossed on clear, durable plastic. Separate UEB and Nemeth packages of the Basic Math Symbols are available.

Nemeth
1-Ø8892-ØØ

UEB
1-Ø8893-ØØ

Feel 'n Peel Stickers ⚠️ PARTS

Multi-use tactile/visual stickers for students and adults. Bright, translucent colors, durable plastic.

Kit UEB
1-Ø8843-ØØ

Point Symbols
(over 1,2ØØ stickers)
1-Ø8846-ØØ

Smiley/Frowny Face
(over 2ØØ stickers)
1-Ø8847-ØØ

Reward Statements* UEB
(over 2ØØ stickers)
1-Ø8848-ØØ

Print/Braille Alphabet Letters
(over 6ØØ stickers)
1-Ø8849-ØØ

Feel 'n Peel Stickers II ⚠️ PARTS

Multi-use tactile/visual stickers for students and adults. Bright, translucent colors, durable plastic.

*Note: UEB recently updated; will be in effect once current stock is depleted.

Kit UEB
1-Ø8864-ØØ

Numbers
(over 65Ø stickers)
1-Ø8865-ØØ

Reward Statements II* UEB
(over 1ØØ stickers)
1-Ø8866-ØØ

Stars
(over 3ØØ stickers)
1-Ø8867-ØØ

Point Symbols II
(over 1,2ØØ stickers)
1-Ø8868-ØØ

Color Names UEB
(over 1ØØ stickers)
1-Ø8869-ØØ

Engineering and Technology Related Products

Accessible Code & Go Mouse

The Accessible Code & Go Mouse provides a hands-on introduction to coding concepts and tactile graphics as users program Colby the mouse to race through the maze toward the cheese. Build different mazes on a grid-style board by replicating the tactile graphics on the included activity cards. Users can reference the tactile/braille coding cards to map out a step-by-step path for Colby and enter that sequence by pressing the forward, reverse, right, and left buttons on Colby's back. Hit the Go button and watch Colby race to the cheese! Colby lights-up, makes sounds, and features two speeds along with colorful buttons for easy programming and sequencing. By programming Colby and helping him navigate through the maze to the cheese, students will learn problem-solving, critical thinking, if-then logic, O&M skills, route planning, and much more.

1-02750-00

CodeQuest ▶️

CodeQuest is a FREE, interactive and accessible app for iPad and iPhone that teaches preschool to early-elementary age players coding, logic, and orientation skills.

In each of the game's thirty levels, players (astronauts) start at row one, column one, and must program a route for the astronaut to follow to get back to his spaceship.

D-30060-AP

Code Jumper ▶️

Originally designed by Microsoft and developed by APH, this fun and engaging product is designed to teach students how to write computer code. Code Jumper technology takes block coding off the screen and puts it on the table in front of you, making it accessible for all learners. 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. Power Code Jumper from a Windows device.

Code Jumper is equipped with multiple lessons that cover a variety of topics, from basic concepts like sequences and loops to more complex topics like counters and variables. Each lesson includes resources for teachers, student activities, and tutorial videos. The best part is you don't need a background in coding or computer science to teach Code Jumper. Everything you need to know to teach your students is included!

Note: As of August 2025, the Code Jumper app will no longer be available in the Google Play store and support for Code Jumper on Chrome/Android platforms will be discontinued. CJ Threads will be available on devices running a Windows operating system.

[1-02700-00](#)

The following products were developed by APH with generous cooperation and contributions from ELENCO®, makers of a wide variety of learning kits. Please visit elenco.com for information about their products and services.

BRIC: Structures Access Kit ⚠️

With the BRIC: Structures Access Kit, children of all ages can let their imagination go wild as they construct 26 projects that run on electricity. These projects include, but are not limited to a light post project, BRIC tower project, BRIC bridge project, BRIC mammal project, tri-level house project, and light house project. Bric-2-snap technology combines the use of ordinary building bricks with Snap Circuits® to create circuits and real-world structures. Written instructions give step-by-step directions on how to assemble each project. Combine the BRIC: Structures Access Kit with the Snap Circuits Jr., RC Snap Rover, and Snapino® kits to open up endless possibilities of projects.

1-03048-00

RC Snap Rover™ Access Kit ⚠️

The RC Snap Rover Access Kit is an innovative tool that provides hands-on electronics education. Snap together colorful Snap Circuits parts to build an RC Snap Rover that can zoom across any surface or terrain with the included wireless remote control. Combine the RC Snap Rover with the BRIC: Structures Access Kit, Snap Circuits Jr. and Snapino kits to open up endless possibilities of projects. The RC Snap Rover Access Kit, sold exclusively by APH, takes the commercially available Elenco® Snap Rover and makes it accessible to users who are blind or low vision by providing parts labeled in braille, along with print and online instructions.

Create up to 25 different projects including: remote controlled rover, light following rover, water detector, saltwater detector, generator using motor, capacitor battery, and many more amazing projects!

1-03044-00

Snap Circuits Jr. 13Ø Access Kit

An entry-level product for learning about circuits, currents, resistance, switches, motors, and other basic electronics concepts. The Snap Circuits Jr. 13Ø Access Kit comes with 29 new projects and four additional– green fan, battery holder, motor, and fan.

Snap Circuits Jr. 13Ø comes with 29 new projects and four additional components not included in the original APH Snap Circuits Jr. Access Kit – green fan, battery holder, motor, and fan.

 1-Ø3Ø49-ØØ

Snapino™ Access Kit ⚠

Calling all aspiring programmers! Snapino is an introduction to the open-source Arduino® hardware-software coding environment. Use both the Snapino and Snap Circuits Jr. kits together to design larger circuits with speech capabilities.

Note: Please use 9V type alkaline batteries with this product. Batteries not included.

Warning: Choking Hazard – Small parts. This toy comes with a cord. Not intended for children under three years. Use with adult supervision.

1-Ø3Ø43-ØØ

FoldRite: Letter Folding Tool

Made of durable plastic, designed to make folding 8.5x11 inch paper a snap. Consists of two plastic, hinged plates. Letters can be tri-folded by placing the paper between the plates and folding the FoldRite over twice. Can also be used to create strips of blank braille paper that fit into a business envelope.

1-Ø8ØØ9-ØØ

Physical Education Related Products

SPORTS COURTS UEB ⚠️ PARTS

A one-of-a-kind, instructional kit designed to familiarize students who are blind or low vision with a variety of sports and to encourage participation in athletics. The 16 tactile layouts in SPORTS COURTS provide a snapshot of the entire court/field that can be challenging to comprehend by verbal description alone. The accompanying magnetic-backed 3-D pieces enhance learning by allowing interactive setups and demonstration of player positions and movements, as well as critical features such as nets or goal posts.

1-08109-00

Astro Adventure Balls App CVI

Astro Adventure Balls app is a free app for iPad and Android tablets that offers an engaging and interactive experience to assess and enhance visual, auditory, and cognitive skills through the journey of three lively talking ball characters in visually captivating environments.

D-00410-AP

APH Sound Balls CVI PARTS

Features dual speakers and volume; two colors/two distinct sounds; two-tone sound, non-toxic/latex-free materials; durable; 7.5 inches in diameter.

Boing Boing (Yellow)   Techno Beat (Red)
1-07510-00   1-07516-00

Rib-It-Balls CVI ⚠️

These fun balls are easy to grab and have high contrast ribbing. Crinkly fabric in the ribs adds an auditory component. These inflatable, latex-free multicolored balls have been designed in two-color combinations, making them easier for visual orientation, and are available in two sizes.

14-inch red/yellow   18-inch blue/yellow
1-07513-00   1-07514-00

30-inch black/yellow w/pump
1-07515-00

3Ø-Love Tennis Kit PARTS

Whether practicing against a wall, playing singles against an opponent, or participating in a round of doubles, tennis is a great sport for practicing sound localization skills and socialization. Includes: Two blindfolds and two rackets; set of six sound-adapted tennis balls; and 3Ø-Love: Tennis Guidelines, large print and braille editions. Included in the 3Ø-Love Tennis Kit are the Sound Table Tennis Balls (also available separately).

1-Ø811Ø-ØØ

Walk/Run for Fitness Kit UEB PARTS

This Kit includes a personal guidewire system that can be set up in your backyard, a school, or a park. Includes two talking pedometers. If running or walking with a human guide, you can use the kit's adjustable tether, which is long enough to accommodate wheelchair users. Includes a shoulder sling pack for storage and travel. Guidewire measures 2Ø meters (21.9 yards).

1-Ø752Ø-ØØ

Communication Modes and Literacy Education Related Products

Quick Check: Index of Literary Braille Signs ⠖UEB

Quick Check has been updated to UEB! This reference booklet includes the most recent updates to the American, English Braille Code approved by the Braille Authority of North America (BANA). This contains the most commonly used literary braille contractions, such as alphabetic word signs, one-cell contractions, lower-cell contractions, short-forms, punctuation, and other UEB symbols.

Braille
5-35961-00

Print
7-35961-00

SENSEable STRIPS N PARTS

SENSEable STRIPS Stick-On Tactile Lines provides over 2,200 adhesive-backed tactile strips including 17 different line and path types and a variety of bright colors! These can be used to create tactile graphics, adapt maps and diagrams, and much more.

1-03051-00

Tactile Shape Slate N

With its simple, intuitive design that mimics traditional hinge-style braille slates, Tactile Shape Slate makes it easy for users to create precise and high-quality tactile graphics.

1-00131-00

Match-It-Up Frames CVI UEB PARTS

Use these frames in a variety of ways to facilitate learning tasks related to matching, sequencing, patterning, counting, and much more! Large Set and Small Set activities can be custom-designed by teachers and parents to address specific learning needs of students who are blind or low vision, as well as those with multiple disabilities. These matching frames are sized to fit on APH's All-In-One Board.

Large Set
1-Ø8827-ØØ

All-in-One Board CVI

This multi-platform, easily-adjustable board from APH can be used in combination with either hook-and-loop accessories or magnetic pieces, as well as with dry-erase markers. Board can be positioned at a variety of angles. For classroom use with students of all ages.

Surface of board is 23.562x 14 inches.

1-Ø8836-ØØ

Talking Typer™ (for iOS devices) ▶

Comes with 35 built-in lessons at beginner and advanced levels. Teachers and parents can create new lessons, edit lessons, and assign lessons to individual students or groups. The app saves the results of each drill to monitor improvement.

The app can also be used with a refreshable braille display, making it accessible for students who are deafblind. Works with iOS devices running iOS 9.1 or later.

Available from the App Store
D-3ØØ21-AP

Early Braille Trade Books

APH's Early Braille Trade Books combine commercially available books with braille labels for beginning readers. These kits include storybooks, braille labels, a Quick Start Guide and access to an interactive website: **ebt.aphtech.org**.

Features & Benefits

- Includes contracted or uncontracted braille labels.
- Packaged by Developmental Reading Assessment (DRA) and Fountas and Pinnell Reading Levels.
- Match books to each student based on his or her braille knowledge.
- Search for books by genre, core curriculum, and/or expanded core curriculum.
- Included interactive website allows you to:
  - access a book summary and activities designed for braille readers.
  - share or transfer student records to other teachers.
  - maintain a listing and percentage of contractions learned by each student – great for documentation at IEP meetings.
  - find books to use in conjunction with APH's Building on Patterns (BOP) series.

Rigby® PM Platinum Kits ⠿

Kit 1
Braille, Fiction, Level 3-C

- Baby Lamb's First Drink
- The Baby Owls
- Hedgehog is Hungry
- The Lazy Pig
- Tiger, Tiger

Contracted
3-00301-00

Uncontracted
3-00302-00

Kit 2
Braille, Fiction, Level 3-C

- The Big Kick
- The Bumper Cars
- The Little Snowman
- The Merry-go-round
- Wake up, Dad

Contracted
3-00303-00

Uncontracted
3-00304-00

Kit 3
Braille, Fiction, Level 4-D

- Ben's Teddy Bear
- Ben's Treasure Hunt
- Father Bear Goes Fishing
- Hide and Seek
- Tom is Brave
- Where is Hannah?

Contracted
3-00305-00

Uncontracted
3-00306-00

Rigby Nonfiction Kits UEB

Kit 1
Braille, Nonfiction, Level 4-D

- Animals on My Street
- My Big Tree
- Our Pets
- Frogs in the Pond
- Our Dog
- Puddles

Contracted
3-00401-00

Uncontracted
3-00402-00

Kit 2
Braille, Nonfiction, Level 6-8-E

- Animal Bodies
- Mothers and Babies
- Animals on Our Farm
- Our Fish

Contracted
3-00403-00

Uncontracted
3-00404-00

Kit 3
Braille, Nonfiction, Level 10-F

- Hot sunny days
- The sun, the wind, and the rain
- Rain is water
- Where did all the water go?

Contracted
3-00405-00

Uncontracted
3-00406-00

Kit 4
Braille, Nonfiction, Level 9-10

- The Best Dancer
- The Scary Masks
- Bath Eyes
- The Long Bike Ride

Contracted
3-00407-00

Uncontracted
3-00408-00

Kit 5
Braille, Nonfiction, Level 11-12

- Animal Homes
- Building a House
- The Party Clown
- The Berry Cake
- Houses and Homes

Contracted
3-00409-00

Uncontracted
3-00410-00

Braillable Labels and Sheets

These clear, blank, self-adhesive labels can be brailled and used on items around the home, school, and office.

The pre-cut, peel-off Large and Small labels accommodate braille lines up to 15 cells wide, with four lines on the large and two on the small labels. Full-Size Sheets offer more room for brailling and can be cut to size. A printed SimBraille® sheet is included to assist in determining size and placement.

**Assorted Pack
(5 small, 5 large, 1Ø full-size,
and 3Ø pin-fed sheets)
1-Ø8871-ØØ**

**Small Label Pack
(3.87xØ.95) 1Ø sheets,
18 labels per sheet
1-Ø8872-ØØ**

**Large Label Pack
(3.87x1.75) 1Ø sheets,
1Ø labels per sheet
1-Ø8873-ØØ**

**Full-Size Labels
(8.5x11) 15 sheets
1-Ø8874-ØØ**

Important Icon Legend

N **New Product**

R **Revised Product**

UEB **UEB**
Products with this icon are transcribed in Unified English Braille (UEB).

CVI **CVI**
Products with this icon may be appropriate for learners with CVI. Comprehensive assessment should determine which products are best matched to your learner's needs.

⚠️ **Safety Warnings**
Please note and follow the small parts choking hazard and other warnings indicated for certain APH products.

PARTS **Replacement and Optional Parts Available**
Products with this icon have available replacement parts.

▶️ **YouTube**
Product videos available on APH's YouTube Channel. **youtube.com/user/aphftb**

Braille Slates, Styluses, and Erasers

All slates include a stylus. Stylus Key: L = Large Handle, S = Saddle

Braille Slates ▶️

Janus Interline
19 cells both sides, 5 lines
on one and 6 on other,
Plastic (S),
5.5x3.5 inches
1-00050-00

Interpoint Pins Up
28 Cell, 4 lines, Lightweight
Metal (L), Slotted for
Labeling Tape,
8.25x1.25 inches
1-00081-01

Pocket Slate Pins Up

28 Cell, 4 Lines,
Clear Plastic (L),
8.25x1.75 inches
1-00078-00

28 Cell, 4 lines, Heavyweight
Metal (L), Slotted for
Labeling Tape,
8.25x1.75 inches
1-00160-00

28 Cell, 4 lines, Black Plastic (L),
8.25x1.75 inches
1-00080-00

Braille Styluses ▶️

(All have a metal point, F = Flat)

Saddle-Shaped (blue)
Plastic concave dip in handle
2.625x1.25 inches
1-00120-00

Wood Handle
Side of Handle (F),
Large 2.375x0.875 inches
1-00200-00

Braille Erasers ▶️

Wooden
2.5 inches long
1-00270-00

Plastic
One Broad, One Narrow End,
5 inches long
1-00280-00

Tactile Graphic Line Slate ▶

This specially designed two-ended stylus can be used for the creation of tactile graphic displays by transcribers, teachers, and students. Use this lightweight slate to embellish tactile maps, graphs, charts, number lines, etc. The accompanying Instruction Booklet provides tips and techniques for using with various types of drawing media.

1-00100-00

Student Starter Pack ▶

Basic braille materials packaged for students who are taking beginning braille classes. Includes 250 sheets of 8.5x11 inch manila transcribing paper, 250 sheets of 11.5x11 inch manila transcribing paper, a 4-line, 28-cell slate with Saddle Stylus, and a Cranmer abacus.

1-00350-00

SAM: Symbols and Meaning UEB CVI ⚠ PARTS ▶

A kit for learners with low vision and multiple disabilities and who are just beginning to use symbols. The SAM Guidebook provides strategies for developing a strong sensory foundation for concepts about people, objects, actions, and places so that symbols referring to them are meaningful.

Note: For the *APH Intervention Continuum*, APH recommends that learners use SAM and two other products in a certain order, *see page 18* for more information.

1-Ø8854-ØØ

Tactile Connections: Symbols for Communication UEB CVI ⚠ PARTS

This kit enables teachers to create a tactile card system that is individualized for learners who are blind or low vision, have additional disabilities, and/or lack a formal means of communication or literacy.

1-Ø8837-ØØ

Flip-Over FACES App

This app enables a child to casually explore facial expressions within a fun and versatile context. Designed for students with low vision and a cognitive level of five years of age or older, Flip-Over FACES can also be used with students with additional disabilities, such as autism and language delays. How-to instructions, with or without VoiceOver/TalkBack, are also available.

Available from the App Store
D-3ØØ5Ø-AP

Available from the Google Play Store
D-3ØØ5Ø-AN

Now available in a fun, new **Apple Watch format**!
D-3ØØ5Ø-AW

Expandable Calendar Boxes CVI PARTS

These closed-cell foam boxes can be used singularly as an anticipation box, or in a grouping of two or more as calendar boxes. The boxes benefit students with disabilities that put them at risk for not understanding, participating in, or directing the events that surround them.

1-Ø8652-ØØ

Calendar Box Stabilizer CVI

Designed to rest on the majority of wheelchair trays, the Stabilizer allows learning partners to present calendar boxes on a variety of surfaces (e.g., tabletops, floors) or hold them in the air before the student.

Note: Calendar Boxes not included with Stabilizer.

1-Ø8557-ØØ

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. Kit includes the LP guidebook. An optional braille version is sold separately.

1-Ø8815-ØØ

Aluminum Diagramming Foil

For creating masters of raised-line graphics. Foil has white paint on one side for drawing graphics beforehand in pencil or ink. Sheets measure 11x11 inches.

(3Ø-pk)
1-Ø4Ø9Ø-ØØ

Tactile Graphics Kit `PARTS`

The Tactile Graphics Kit is an extensive set of materials that allows teachers, transcribers, and mobility instructors to create custom raised-line maps, graphs, diagrams, and charts using a variety of point symbol tongs, areal pattern plates, and line drawing tools. Masters are embossed on heavy aluminum foil and can be reproduced on a vacuum-form machine.

1-Ø8851-ØØ

DRAFTSMAN Tactile Drawing Board `PARTS`

A versatile tactile drawing board that is used in combination with special film and a stylus to create instant raised-line images. The board has a plastic frame that encases a double-layered rubber surface. Clamp a sheet of included drawing film onto the board, and use the included stylus or a ballpoint pen to quickly draw a raised image.

Includes 25 sheets of Tactile Drawing Film.

1-Ø8857-ØØ

Textured Paper Collection

This paper collection contains tactile colored sheets that can be cut out and applied to another surface for many purposes, such as tactile worksheets, areal patterns, storybooks, household items, etc.

1-Ø3275-ØØ

Swail Dot Inverter PARTS

Construct simple diagrams, graphs, maps, etc., by embossing a series of single dots. Braille paper (sold separately) is placed on top of the 12x12 inch rubber pad. The special stylus allows dots to be embossed upwards by puncturing the paper on the down stroke and then pulling the dot upwards on the up stroke.

1-Ø361Ø-ØØ

Quick-Draw Paper CVI PARTS

Create instant tactile graphics that are useful for a wide variety of art, orientation & mobility, diagramming, and educational activities. Simply draw on a paper surface with a water-based marker and the lines will swell instantly and become tactile. Includes ten sheets of Quick-Draw Paper™, instructions in large print, and two water-based markers. **Note:** Type and color of included marker might vary.

1-Ø496Ø-ØØ

Word Associations Print/Braille Labels PARTS

Introduce children to the world of reading by using these large print/braille stickers! Consists of 12 sheets of self-adhesive labels containing common words. Includes 91 labels and a Manual in either large print or braille.

**Labels with Large Print Manual
8-39Ø5Ø-ØØ**

Card Chart Kit `PARTS`

Chart board measures 19.5x 12.25 inches and has holes for hanging. Up to five cards can be inserted into each of six high-contrast slots. Includes 9Ø blank cards and a corner cut for orientation.

1-Ø355Ø-ØØ

Individual Calendar Kit

Includes 12 brightly colored, embossed/Boldline grid sheets - one for each month. Labels are marked in large print and in braille.

1-18971-ØØ

Classroom Calendar Kit `PARTS`

Introduce children to concepts of measuring time; tracking left, right, top, and bottom; recording the weather; and recognizing and sequencing numerals. Calendar grid dimensions: 21x21.5 inches. Includes 12 year cards.

Labels are large print and braille.

English
1-1897Ø-ØØ

Spanish
1-18973-ØØ

Fun with Braille UEB

This book is designed to provide additional practice for users who are already familiar with the braille contractions. The activities can be done in any order and can be chosen to practice a specific problem contraction or just for fun. A list of contractions and the activities in which they appear is included for reference. An answer key is provided in the back of the book.

Braille
5-00110-01

Large Print
7-00110-01

Quick Pick Braille Contractions UEB

Includes two cases of fifty cards with each case representing a cross-section of braille contractions in UEB braille code. On both sides of the cards, a braille contraction is on the top and four uncontracted answer choices are across the bottom. To play, the player chooses an answer by inserting the wooden tool in one of four holes in the front of the case. If the answer is correct, the card will slide out. If incorrect, the card will not pull out, and the player should try again.

1-03576-01

TactileDoodle PARTS UEB

Use TactileDoodle to quickly generate tactile, raised-line graphics to convey a variety of concepts or art within the classroom or 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 (e.g. tic-tac-toe).
- Perform more open-ended artistic drawing activities.
- Practice tracing skills (e.g. tracing within a stencil or around a 3D object).
- Provide tactile illustrations during teachable moments.

Includes 25 sheets of Tactile Drawing Film

1-08824-00

ReadWrite Stand ⚠️

Use this stand for both reading and writing tasks. Measures 18x 14.125 inches and can be positioned in four distinct angles – 5º (at rest), 15º, 30º, and 45º. Weighs approx. 2 1/2 lbs. It features two built-in handles, a low-profile clip for securing materials, and an LED book light.

1-03206-00

ReadWrite Stand Mini ⚠️

Similar to the above ReadWrite, but smaller. Stand measures 10x11.5 inches and can be positioned in the same four distinct angles. Weighs approx. 1.5 lbs.

Warning: Adult supervision is required for adjusting the brackets for child use. DO NOT place fingers underneath the spring-loaded hinges of the uppermost bracket.

1-03207-00

Braille Alphabet and Numbers Card

Intended to increase the awareness of braille among print readers, this card presents the alphabet, numbers, and limited punctuation signs in braille. A simple sentence in uncontracted braille is included, allowing for translation practice.

Non-Quota

(100-pk)
1-04020-00

Swing Cell Compact

Helps students understand the relationship between the braille cell and the keys on a braillewriter. Internal storage of pegs.

6-78041-00

Pop-A-Cell

A large-scale braille cell measuring 2.625x 4.25 inches. Pop the durable plastic cell dots up or down to create various braille characters. Set of four colors and a Braille Alphabet and Numbers Card included.

1-17002-00

Teaching Touch PARTS

Helps parents or teachers encourage young children (four to seven years) who are blind to become active explorers and readers of tactile graphics. The included booklet introduces various tactile graphics skills.

1-08861-00

Building on Patterns (BOP) ▶️

Building on Patterns is a systematic, comprehensive, and balanced literacy program designed to teach young children (through second grade) with visual impairments to read and write using braille.

Please visit the BOP website for more information on all levels of BOP at **aphbop.org**.

All BOP Pre-K materials are in UEB.

Prekindergarten Level UEB PARTS

BOP Prekindergarten is the first level of the second edition of BOP, and its curriculum reflects best practices in braille literacy instruction, including lessons designed to build literacy skills related to listening, speaking, reading, and writing in preparation for kindergarten. It may be used as a stand-alone program, or as a supplement to regular preschool curricula.

APH recommends that the print children's books and their braille transcriptions in the Student Kit stay with the student after using them during lessons to help them begin (or supplement) their own library. The print and braille books can also be sent home so family members can have their own interactive reading sessions with their child.

APH also highly recommends teachers use the electronic versions of the parent letters on the BOP Pre-K web pages in order to tailor them to each student's family.

Note: The font for the braille with shadow dots used in the letters is available to download as well.

Features
- Includes 28 instructional lessons, each paired with a children's book and a tactile storybook that supports lesson concepts through activities that involve tracking, simple reading, and understanding tactile graphics.
- Each lesson begins with learning objectives, and then includes sections on the following:
  - **Speaking and listening:** interactive read-alouds using high-quality children's literature with an emphasis on oral vocabulary and listening comprehension
  - **Knowledge and concept development:** days of the week, weather, shapes, and other concepts relevant to the preschool curriculum

- **Phonological/phonemic awareness:** environmental sounds, rhyming words, syllables, and initial and ending sounds
- **Reading:** tracking skills, letter and number recognition, phonics, and independent reading of simple continuous text (tactile storybooks)
- **Writing:** practice exercises, modeled/interactive (shared) writing, and name writing
- A variety of tactile graphics
- Enrichment activities incorporating poetry, arts and crafts, music, and movement
- Print and braille Teacher Kits are available.

BOP Prekindergarten Student Kit

- Parent Booklet
- Print Parent Letters (also available on the BOP Pre-K web pages)
- Preschool Teacher Booklet
- Set of 27 Print Children's Books
- Student Set of 28 Braille Children's Books (includes one print-braille book)
- 28 Tactile Storybooks
- Four Workbooks
- Worksheets Pack
- Manipulatives Pack
- Monitoring Charts and Reading Roundup Consumables (also available on the BOP Pre-K web pages)

Print Teacher's Kit Includes: Quick Start Guide, TSVI Booklet, Teacher's Manual, Reading Roundup and Reference Volume

Braille Teacher's Kit Includes: Quick Start Guide, TSVI Booklet, Reading Roundup, Reference Volume and Teacher's Set of Braille Children's Books

Important Note: The 28-volume braille Teacher's Manual is not included in this kit. The hard copy version is only available from APH as make-to-order. Files are available for free download on the **aph.org** product page.

Teacher's Kit	Student Kit
Print 8-78534-ØØ	**6-7853Ø-ØØ**
Braille 6-78534-ØØ	

Building on Patterns (BOP) Kindergarten, First Grade, and Second Grade ▶

Important Note: BOP Kindergarten, First Grade, and Second Grade Levels each have free downloads of the UEB Teacher Supplements. The teacher materials have not yet been updated to UEB. Download the supplement for each Teacher's Edition under "Downloads" on the **aph.org** product page and use the information to mark up your Teacher's Edition.

Student materials are in UEB.

Kindergarten Level UEB PARTS

The series addresses vocabulary, fluency, comprehension, phonemic awareness (ability to hear and interpret sounds in speech), and phonics.

Kindergarten lessons include a selection to be read to the student, questions to discuss, and an activity for the child to complete.

Note: Each student kit includes Posttest Consumables, Textbook Assessment Check-up Forms, set of seven Student Textbooks, and a Color Me Book.

Teacher's Edition

Print (two vol.)
8-78451-ØØ

Braille
6-78451-ØØ

Posttest Teacher's Manual

Print
8-78452-ØØ

Braille
6-78452-ØØ

Student Kit
6-7855Ø-ØØ

First Grade Level UEB ⚠ PARTS

BOP First Grade lessons require students to read selections themselves with emphasis on decoding skills, comprehension, and fluency. Creative writing, related to the reading selections, is included with each lesson. Spelling is based upon phonics skills. Worksheet packs, lesson monitoring sheets, and unit assessment packs are consumables and are also available separately.

Note: Student Kits include Lesson Monitoring Sheets, Assessment Check-up Forms, Student Textbook, and Worksheets Pack.

Unit 1
Not Far from Home

Student Kit
6-7856Ø-U1

Teacher's Edition
(Includes Reference Volume)
Print 8-78561-U1
Braille 6-78561-U1

Unit 2
Going and Doing

Student Kit
6-7856Ø-U2

Teacher's Edition
Print 8-78461-U2
Braille 6-78461-U2

Unit 3
Animal Tales

Student Kit
6-7856Ø-U3

Teacher's Edition
Print 8-78461-U3
Braille 6-78461-U3

Unit 4
At School

Student Kit
6-7856Ø-U4

Teacher's Edition
Print 8-78461-U4
Braille 6-78461-U4

Unit 5
This and That

Student Kit
6-7856Ø-U5

Teacher's Edition
Print 8-78461-U5
Braille 6-78461-U5

Unit 6
More Animal Tales

Student Kit
6-7856Ø-U6

Teacher's Edition
Print 8-78461-U6
Braille 6-78461-U6

Unit 7
Think About It!

Student Kit
6-7856Ø-U7

Teacher's Edition
Print 8-78461-U7
Braille 6-78461-U7

Optional Items

Posttest Teacher's Manual
Print
8-78562-ØØ

Braille
6-78562-ØØ

Posttest Consumables Pac
Print & Braille
8-78565-ØØ

Second Grade Level

Braille contractions are introduced from the beginning, along with sound and letter associations. Expanded Core Curriculum (ECC) skills such as using tactile graphics and technology are also included. BOP Second Grade includes more worksheets, part-word braille contractions, and other remaining literacy contractions and symbols along with the rules to use them. The curriculum also emphasizes syllables and multisyllabic words and the effect of certain letter combinations on vowel sounds.

For optional map work, each lesson gives the foreign origin of at least one spelling word.

Prerequisite: BOP First Grade or equivalent skills.

Note: Each Student Kit includes Lesson Monitoring Sheets, Consumable Unit Assessment Packet, Student Textbook, and Worksheets Pack. Unit 1 Teacher's Edition includes Reference Volume.

Unit 1
That's So Silly

Student Kit
6-78570-U1

Teacher's Edition
(Includes Reference Vol.)
Print 8-78571-U1
Braille 6-78571-U1

Unit 2
At Your Service

Student Kit
6-78570-U2

Teacher's Edition
Print 8-78471-U2

Unit 3
Family and Friends

Student Kit
6-78570-U3

Teacher's Edition
Print 8-78471-U3

Unit 4
Just for the Fun of It

Student Kit
6-7857Ø-U4

Teacher's Edition
Print 8-78471-U4

Unit 5

It's a Natural Thing

Student Kit
6-7857Ø-U5

Teacher's Edition
Print 8-78471-U5

Unit 6

A Walk on the Wild Side

Student Kit
6-7857Ø-U6

Teacher's Edition
Print 8-78471-U6

Unit 7
Celebrate Books
(Includes three chapter books)

Student Kit
6-7857Ø-U7

Teacher's Edition
Print 8-78471-U7

Optional Items

Posttest Teacher's Manual

Print
8-78572-ØØ

Braille
6-78572-ØØ

Posttest Consumables Pack

Print & Braille
8-78575-ØØ

SMART Brailler® by Perkins ⚠️

This mechanical brailler has a built-in screen and speaker that provides immediate feedback to a child or adult who is learning braille via text-to-speech, and a screen that displays SimBraille and large print of what is brailled in uncontracted or contracted braille. Accommodates 8.5 x11 inch paper and embosses up to 25 lines of 28 cells.

Warning: Young children should be supervised during exploration and pre-braille activities.

1-00820-00

APH Light-Touch Perkins Brailler® ⚠️

This manual brailler has all of the great features of the classic Perkins Brailler but requires less pressure to depress the keys. Extended key design increases usability and comfort, and light gray keys provide contrast against the sapphire blue frame.

Warning: Young children should be supervised during exploration and pre-braille activities.

1-00815-00

Embossed Pencil Writing Paper

Provides heavy raised lines to guide students or adults in handwriting. 22 lines per each sheet.

Measures 8.75x10.5 inches and is in pads of approx. 165 sheets.

1-04560-00

Covers for Braille Documents

Plastic covers measure 11.75x11 inches and are designed to bind 11.5x11 inch braille pages. May be bound with a 19-ring comb binding or twin loop binding. Will bind tractor-feed or manila 19-hole papers available from APH.

Clear Frosted Cover and Back
1-04010-02

Bold Print Paper

Makes it easier for users with low vision to complete written tasks. All sheet quantities below are approximate; all sizes are in inches.

Boldline Spiral Notebook

Looks like the type all students carry, but with Boldline paper. 100 sheets of 8.5x11 inch paper, with 9/16 inch line space. Blue marble cover.

1-04825-00

Collegiate Boldline Spiral Notebook

This notebook has more closely spaced Boldlines than the Boldline Spiral Notebook. 75 sheets of 8.5x11 inch paper, with 7/16 inch line space. Black marble cover.

1-04826-00

Spiral Pocket Notebook

Each notebook contains 5Ø pages of 8Ø# white braille paper. Spiral binding makes it easy to handle. Perforated sheets measure 3x 5.5 inches (3x5 inches when removed). Works easily with APH's Janus Slate.

(6-pk)
1-Ø43Ø1-ØØ

Boldline Notebook Paper

Has black lines printed on white paper with a left-hand margin. Two styles: in a pad with no punching, or in loose sheets punched for a 3-Ring binder. 5ØØ sheets of 8.5x11 paper.

Loose Sheets, 3-Hole Punch

7/16 inch line spacing
1-Ø4851-ØØ

9/16 inch line spacing
1-Ø4861-ØØ

Boldline Letter-Writing Paper

This paper has bold, black lines printed on white paper without margin. 5ØØ unpunched sheets per pad, 8.5x11 inch paper.

7/16 inch line spacing
1-Ø4811-ØØ

Mailing Envelopes for Braille

Designed for mailing or storing brailled sheets up to 11.5x11 inches. White, blank envelopes with self-sealing flaps. Measures 12.5x12.5 inches. Will hold approximately 3Ø sheets.

(25-pk)
1-Ø423Ø-ØØ

Braille Paper

APH offers a wide array of braille paper for use with slates, braillewriters, computer braille embossers, and vacuum-form machines. Sheet quantities are approximate; all sizes in inches.

White Fanfold Tractor-Feed Braille Transcribing Paper

This low dust paper is designed to be used with computer-driven braille embossing devices. It has a smooth surface. Tractor-feed holes may be torn off. 9Ø# paper.

8.5x11 Unpunched
5ØØ sheets
1-Ø4137-Ø1

11.5x11 Unpunched
1ØØØ sheets
1-Ø4139-Ø1

3- and 19-Hole Punch

5ØØ sheets
1-Ø4138-Ø1

1ØØØ sheets
1-Ø414Ø-Ø1

White Braille Paper

This 8Ø# paper is for use with braille slates and braillers.

8.5x11 Unpunched
4ØØ sheets
1-Ø4151-Ø1

11.5x11 Unpunched
15Ø sheets
1-Ø4221-ØØ

Manila Braille Transcribing Paper

Heavyweight 1ØØ# paper, for use with slates and braillewriters, holds dots well and can be used to create braille masters for vacuum-form machines.

8.5x11 Unpunched
5ØØ sheets
1-Ø453Ø-ØØ

11.5x11 Unpunched
5ØØ sheets 1-Ø454Ø-ØØ

Dividers for Braille Notebooks, 3-Hole Punch

Will fit the Azure Blue or the White 3-Ring Braille Notebooks. Heavy manila stock with an extra 1/2 inch edge that can be brailled with the subject of the division. 15 dividers per pack.

12x11 (for White Notebook)
1-Ø4226-ØØ

Braille Notebook, 3-Ring

Made of heavy-duty board covered with white vinyl. Holds approximately 1ØØ sheets of 11.5x11 inch braille paper.

1-Ø438Ø-ØØ

Floppy Braille Binders

Durable plastic 3-Ring binder designed to hold 11.5x11 inch braille sheets. Flexes to fit easily into a backpack. Includes three binders, one each: green, blue, yellow with an inside pocket.

1-Ø4295-ØØ

Braille Pocket Folders

Will hold 11.5x11 inch braille sheets. Has slant-cut pockets. Punched for 3-Ring binder. Made of durable, flexible plastic. Includes three folders, one each: green, blue, and yellow.

1-Ø4294-ØØ

Super-Sized Folders

These folders are made of a semi-rigid polyblend plastic. They measure 12x11.25 inches with a depth of 3/4 inches, allowing full 11.5x11 inch braille sheets to fit. Part of the braille page remains uncovered so that the contents of each folder can be quickly scanned, one each: green, blue, and yellow.

1-Ø4296-Ø1

Plastic Binder Envelopes for Braille

These envelopes have a side tab that is 3-hole punched for use in a 3-Ring binder and a flap that opens from the top and is held closed using three hook & loop coins. Accommodates up to 2Ø+ sheets of braille, one each: green, blue, and yellow.

1-Ø4297-ØØ

I-M-ABLE Kit

The I-M-ABLE (Individualized Meaning-Centered Approach to Braille Literacy Education) book and accompanying materials are designed to assist children who are candidates for braille instruction, but are struggling with the beginning stages of learning letters and sounds. This resource also helps students with mild to moderate cognitive impairments or other difficulties. As they teach, teachers can continuously analyze the strengths and needs of their students. The lessons in this curriculum use key vocabulary words and phrases based on students' individual experiences and interests. With success built into each lesson, students are rewarded with progress, which further engages them in the learning experience.

1-00351-00

BrailleBuzz ⚠️

BrailleBuzz is an instructional toy for young braille learners, ages two to five. It encourages practice with braille characters and phonics, similar to a variety of audio-based toys that teach print writing. Resembling a cartoon bumblebee, BrailleBuzz encourages little ones with audio feedback, a friendly recorded human voice and fun sounds, paired with a Perkins-style braille keyboard, designed with little hands in mind.

Requires two AA batteries (not included).

1-03935-00

BrailleBuzz App ▶️

The FREE BrailleBuzz App for Android and iOS, available in English and Spanish, uses a fun environment to introduce young children who are blind or low vision to some of their first experiences with electronic braille.

Available from the App Store
D-30035-AP

Available from the Google Play Store
D-30035-AN

Visual Efficiency and Low Vision Related Products

Envision Kit

This combination of the Envision I and II Kits provides lessons for users to learn how to use optical devices for a variety of tasks in different environments, such as reading object cards, maps, word puzzles, Sudoku, medicine labels, nutritional facts, price tags, coupons, optical aids, and more

Note: The Envision Kit can be paired with FVLMA Kit to determine functional vision with the use of a magnification device for near and distance reading lessons.

with Optical Aids
1-Ø8562-ØØ

without Optical Aids
1-Ø8563-ØØ

Barraga Visual Efficiency Program UEB CVI ⚠ PARTS

The Barraga Visual Efficiency Program (BVEP) evaluates the visual efficiency of, and provides available methods of instruction for, students with low vision who have ocular impairments and who have achieved cognitive developmental skills at or beyond the three-year-old level.

BVEP contains information and materials for teachers to evaluate the visual efficiency needs of their students and determine a baseline on where a student is on his/her ability to perceive shapes, size, color, orientation, visual closure, internal detail, matching, and naming missing objects. Instructional methods are included to help students improve in these areas and to maximize their available vision.

Note: Some of the instructional designs used in this program may also be appropriate for students who have CVI if they are developmentally three years old or older and if appropriate accommodations are used. Teachers can also use the Barraga website to record their assessments and evaluations at **barraga.aphtech.org**.

1-Ø8531-ØØ

Bright Line Reading Guide

Place guide over text to highlight, eliminate glare, and promote maximum contrast. Bright Line Reading Guide is 10-inches long, but can be cut to any size and 3-hole punched for placement in a binder. Each pink or yellow guide comes in a vinyl protective pouch.

Yellow (2-pk)
1-03060-00

Pink (2-pk)
1-03061-00

See Like Me: Low Vision Simulators

These simulators are standard safety glasses that have been fit with inserts to mimic common eye conditions.

These simulators cannot exactly produce any person's exact vision; instead, they give a general sense of what it is like to function with low vision that stems from a particular condition, including Glaucoma, Diabetic Retinopathy, Macular Degeneration, Detached Retina, and many more!

1-08053-00

Increasing Complexity Pegboard CVI PARTS

The Increasing Complexity Pegboard was created for children with visual impairments, including those diagnosed with CVI. Paired with diagnostic teaching strategies, the pegboard set helps to determine and support the child's color, lighting, movement, and complexity needs.

Note: The APH Tactile Graphic Image Library (**TGIL**) has access to 3-D printing files, allowing additional pegs to be printed on your own 3-D printer.

1-08160-00

CVI Book Builder

For use with children who have been diagnosed with CVI and benefit from reduced complexity. CVI Book Builder provides materials for parents and teachers to build books specifically for their reader — adaptations of print books, firsthand experience books, concept books, and more!

It includes a variety of black pages and black binders to use as low complexity backgrounds against which to present familiar items, photos, and letters/words. All pages fit into sturdy plastic binders with reclosable safety loops. Binders feature an open-view front to allow users to create and insert their own cover art.

The guidebook contains 17 pages, including basic ideas for creating your own books.

Note: Binders and pages in CVI Book Builder and Tactile Book Builder can be used interchangeably. Most kit components are available as replacement parts.

1-Ø8825-ØØ

Decision Making Guide

Decision Making Guide: A Guide to Print Size Selection is a quick guide to help determine the correct print size for a student's unique visual functioning. The estimate is reached as part of a learning media assessment with the use of word, sentence, and passage reading charts to arrive at print sizes needed for various tasks.

7-96156-ØØ

Light Boxes ▶️

APH's light boxes are unique devices, recommended for all ages, which help students utilize their residual vision. When used with special sets of materials designed by APH, light boxes help develop awareness of light, color, and objects, and also assist in the instruction of tracking, scanning, eye-hand coordination, visual discrimination, and visual perceptual skills.

LED Light Box CVI PARTS

The new and enhanced Light Box now features an LED light bulb, which is known to last longer and use less energy. It also features lithium batteries that hold a charge much longer than previous models. Similar in looks to the Light Box customers have grown to know and love, the new LED Light Box also features 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 tilted at three angles. Built-in ledges hold overlays in position.

*Adapter accepts power from 11ØVAC to 22ØVAC.

1-Ø8655-ØØ

LED Mini-Lite Box UEB CVI PARTS

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 are low vision, as well as students with CVI and other disabilities. Individual items from the Light Box Materials Levels I and II 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. Accepts three commercially available tabletop/wheelchair mounts.

1-Ø8654-Ø1

Spinner Overlays for the Light Box CVI ⚠ PARTS

Designed to meet the needs of learners with CVI or low vision, Spinner Overlays can be adapted and layered for many purposes. They use light, movement, and increasing levels of complexity, and may be customized by creating patterns with the included pre-cut stickers, or with commercially available stickers.

Warning: Choking Hazard–Small Parts. Not intended for children ages five and under without supervision. Seizure Hazard–Use of this product can simulate flashing lights. Adults supervising learners prone to seizures brought on by flashing lights are advised to use this product with caution.

1-Ø8692-ØØ

Mini-Lite Box Overlays

Used for instruction or assessment in color and shape identification and counting. Parents and teachers can individualize their lesson(s) by adding layers of Mini-Lite Box overlays according to each student's level of visual complexity.

1-Ø8659-ØØ

Light Box Materials and Activity Guides

Light Box Activity Guides have sections on CVI, references to products, and increased accessibility. The Guides are available in English and Spanish. Activity Guides for both levels may include a number of Activity Sheets.

Note: Most Light Box Materials can be used with the Mini-Lite Box.

Level I CVI PARTS

These materials help teach basic visual skills, eye-hand coordination, and simple matching skills. Level I includes colored and patterned overlays, a plexiglas spinner with overlays, and colored transparent items: basic shapes, puzzles, threading beads, and tumblers.

1-08670-00

Level II CVI PARTS

These materials help teach matching and identification skills, part-whole relationships, sequencing, pattern duplication, spatial relationships, and visual memory skills. Level II includes an expanded range of geometric shapes, colored transparencies depicting shapes and familiar objects, stencils, outline shapes, and a pegboard and colored translucent pegs/blocks.

1-08680-00

Swirly Mats UEB ⚠️

Durable, non-toxic Swirly Mats come in two sets, each sold separately: CVI and Functional Vision Assessment (FVA). The mats are useful for conducting FVA. All mats can be used for locating, tracking, color discrimination, etc. Try them with APH's LED Mini-Lite Box (sold separately) for a different effect. Each set includes assorted background mats, print and braille instructions, and a carrying case.

Note: Always provide adult supervision when using Swirly Mats with young children. Mats are completely sealed; however, in the event of a rupture, small pieces inside the mats may present a choking hazard. Liquids are non-toxic but will stain. Use caution.

Swirly Mats-FVA

FVA mats come in pink and clear with color disks, green and clear with silver heart confetti, scarlet, turquoise, and orange.

1-Ø8166-ØØ

Swirly Mats-CVI CVI ▶️

CVI mats come in red and clear, yellow and clear, black, and red with confetti and glitter.

1-Ø8165-ØØ

Dycem

The Dycem® is a translucent mat that adheres to the Light Box or Mini-Lite Box Ledge, enabling light box materials to stick to the surface of the Dycem when viewing at an angle.

Mini-Lite Box
1-08658-00

Light Box
1-08694-00

Ledge Set

The Light Box and Mini-Lite Box ledges slide into place and help support bulkier light box materials (Swirly Mats, Bright Shapes Knob Puzzles, etc.) when a learner uses/views them at an angle. Set includes Dycem mat.

Mini-Lite Box
1-08657-00

Light Box
1-08693-00

Important Icon Legend

N New Product

R Revised Product

UEB UEB

Products with this icon are transcribed in Unified English Braille (UEB).

CVI CVI

Products with this icon may be appropriate for learners with CVI. Comprehensive assessment should determine which products are best matched to your learner's needs.

⚠ Safety Warnings

Please note and follow the small parts choking hazard and other warnings indicated for certain APH products.

PARTS Replacement and Optional Parts Available

Products with this icon have available replacement parts.

▶ YouTube

Product videos available on APH's YouTube Channel. **youtube.com/user/aphftb**

Separate Sets Available from Light Box Materials Levels I and II

Each item is accompanied by sheets of activities grouped by skill. Can be used with Mini-Lite Box.

Plexiglas Spinner and Spinner Patterns

Spinner, made of clear plastic, is used with overlays to create highly contrasting, moving patterns to stimulate visual awareness and encourage attention and visually directed reaching. Suction cup feet hold the spinner base in place.

1-Ø8664-ØØ

Plexiglas Blocks

Colored transparent and translucent geometric shapes in two sizes to create displays for attracting visual attention; encouraging visually directed reaching; matching by shape, size, and color; and for introducing spatial relationships. Thirty pieces in six colors and three shapes: circle, triangle, and square.

1-Ø8663-ØØ

Pegs and Pegboard CVI

Fosters eye-hand coordination, awareness of spatial relationships, and matching and sequencing skills. Includes 64 colored translucent pegs in three shapes and five colors for use in or out of the included 6x6 grid pegboard.

1-Ø8665-ØØ

Familiar Object Pictures CVI

Colored transparent pictures of 15 household objects are provided in pairs (3Ø cards total) for matching and identification. Pictures are silk-screened on clear 6x6 inch plastic stock.

1-Ø8666-ØØ

Colored Shape Cards

Colored transparent and translucent pictures of geometric shapes for identification and matching by shape, color, and size. Thirty cards provided: two each of nine shapes, some in three sizes. Shapes are silk-screened on clear 4x4 inch plastic stock.

1-Ø8667-ØØ

CVI Complexity Sequences Kit [CVI] [PARTS] [▶]

Includes cards that present sequences of images designed to refine the ability to identify a target in the presence of increasing amounts of background information. These cards may be used individually or as a sequence and should be presented against a black or plain, light-absorbing background.

1-Ø8156-ØØ

CVI Complexity Sequences App [CVI]

The CVI Complexity Sequences App comprises ten sets of target images and corresponding background scenes. The app retains the audio response feature originally introduced in the eBook version and now allows the instructor to move a target image anywhere within the background. The scenes presented in the app include sequences of images designed to help students identify a target image in the presence of increasing visual complexity.

D-Ø8156-AP

Invisiboard [CVI] [PARTS]

Block out distractions for students with CVI. This portable, lightweight 48x3Ø inch tri-fold board eliminates visual clutter with a solid white, slick material on one side and a solid black, hook-and-loop material on the other. Includes carrying case and print/braille manual.

1-Ø8541-ØØ

Tri-Fold Board [CVI]

This board measures 37x24 inches and is covered with hook-and-loop material that can be used in combination with many existing APH hook-and-loop material-backed pieces, as well as with commercially available OR teacher/parent-made manipulatives. Two 3/4-inch nickel plated D-rings are riveted in the top for easy hanging.

1-Ø8859-ØØ

Note: Pieces shown are not included with the board. The Tri-fold Board is included as a component in Azer's Interactive Periodic Table Study Set.

O&M Related Products

VR Cardinal LE N

The VR Cardinal is designed as an innovative orientation aid and an advanced high-performance DAISY, MP3, and NISO player for students, professionals, or on-the-go people who have extensive reading needs. It allows you to transfer content from your PC to its removable flash memory card and provides advanced navigation of multiple formats including DAISY, MP3, NISO and electronic text.

1-Ø848Ø-ØØ

Crossings With No Traffic Control R

This software provides simulation experiences and information that help instructors teach students to analyze situations at street crossings where there is no traffic control, including recognizing when they don't have enough warning of approaching vehicles ("Situations of Uncertainty").

Note: This software runs only on Microsoft Windows compatible operating systems and devices.

Important Liability Notice: APH and author Dona Sauerburger, COMS, offer O&M Specialists this product to help students learn the concepts and skills necessary to analyze and negotiate crossings that have no traffic control. Before using this product with students, instructors must read the first section in Chapter One: How to Use this Product.

1-18988-Ø1

Teaching Street Crossing to Students With Visual Impairments

This book provides information about teaching various components of street-crossing skills at appropriate ages/developmental levels; sequencing skills and environments; and using appropriate pedagogical strategies to enhance effectiveness of street-crossing instruction. Practical case examples and vignettes throughout the manual apply concepts to real-world scenarios.

8-75978-ØØ

O&M Trivia

Available as a Skill for Amazon Alexa, O&M Trivia covers a variety of topics including cardinal directions, cane techniques, and landmarks. The virtual assistant makes this content accessible in the home, classroom, or on the go!

Alexa Skill
D-Ø348Ø-AS

Orientation & Mobility for Wheelchair Users With Visual Impairment or Blindness

This web-based publication helps O&M instructors learn how to train students who are wheelchair users to travel safely and effectively. It shares techniques and strategies that are proven successful with clients/students in the rehabilitation setting. **Note:** This online publication cannot be ordered directly using the APH shopping site. Please contact APH Customer Experience.

D-Ø349Ø-ED

One of over 19Ø video clips: Boarding a train when using a scooter

Step-By-Step 2nd Edition

This updated edition of the popular Step-By-Step curriculum for teaching future O&M specialists, teachers of low vision, and living skills instructors includes new techniques and information, all available digitally in the form of two flash drives! Part 1 includes interactive videos and Study and Review Guides for Guiding, Non-Cane, and Special Techniques. Part 2 includes the interactive videos and Study and Review Guides for: Long Cane Techniques, Street Crossing Techniques, Transportation Techniques, and Environment Specific Techniques. Parts 1 and 2 also include the Introduction & Appendices, User Guide for Flash Drive Videos, and the Prerequisite Matrix.

Part 1
8-75981-00

Part 2
8-75982-00

Picture Maker

These picture-making kits can be used for numerous educational and recreational activities! Use optional products for more possibilities.

Picture Maker: Wheatley Tactile Diagramming Kit [CVI] ⚠️

This fun, colorful tactile board includes a felt covered board measuring 20.75x13 inches, and a wide variety of hook-and-loop material-backed pieces thats attach to the board in an infinite number of patterns. Features over 100 pieces in many shapes, sizes, textures, and colors. Extra hook-and-loop material provided for helping to create additionaltactile pieces. The large print/braille guidebook has suggestions and example layouts.

1-08838-00

Textured Strips [CVI] ⚠️

Provides additional textured diagramming strips for use with Picture Maker. Strips are different in texture, number, color, and size from those included in the original kit. These strips can be used to represent different map features.

1-08838-02

Picture Maker felt board NOT included with Textured Strips.

Storage Panel [CVI] ⚠️

Store unused Picture Maker pieces so the entire main Picture Maker board can be used for diagramming purposes. The 8.5x11 inch panel is double-sided with soft black hook-and-loop material, 3-hole punched edge, and customer-applied hook-and-loop material tabs.

1-08838-03

Storage Panel

Picture Maker pieces NOT included.

Geometric Textured Shapes [CVI] ⚠️

Provides additional hook-and-loop material-backed textured shapes for use with APH's Picture Maker. Use in combination with the diagramming strips and shapes included in the original kit. Can also be used with APH's All-In-One Board (Magnetic/Hook-and-Loop Material/Dry Erase).

1-08838-01

Some parts you receive may vary slightly from those depicted in photos. Felt board is NOT included.

Access Technology Related Products

Monarch N PARTS

The Monarch is a multiline braille device that renders tactile graphics integrated with braille on the first-of-its-kind 10-line by 32-cell refreshable braille display. With access to downloadable digital textbooks and APH's Tactile Graphics Image Library (TGIL) along with a growing collections of Monarch apps, the Monarch supports a future where every individual can enjoy equal access to information.

1-00420-00

OpticAware N

OpticAware is a smart watch-style wearable designed to help you break the habit of eye-pressing. Whenever you raise your hand up to the level of your face, you will receive a gentle vibration like a "hug" around the wrist. The bracelet is designed to be used in tandem with the OpticAware iOS app (available on iPad and iPhone), which records each instance of eye-pressing and allows you to track your habit and identify patterns over time.

1-08056-00

Braille Brain

Braille Brain is a FREE, self-paced online braille tutorial that provides self-graded practice and assessments using 6-key entry in the foundations of UEB.

1-00390-00

Adaptable Stick Switch*

The Adaptable Stick Switch features suction cup feet which holds it in place on smooth surfaces in addition to a rubber gasket at the base which allows it to be tilted 36Ø degrees.

1-Ø8615-ØØ

Adaptable Tactile Switch*

This switch features a bumpy plate and two interchangeable smooth plates for tactile preference and choice-making activities.

1-Ø8614-ØØ

Scallop Switch*

Users with little movement and strength can depress the edges of the floating top plate to activate switch-adapted battery powered toys and devices.

1-Ø8613-ØØ

*Note: Each of APH standard switches above partners well with the APH Power Select to activate AC-powered appliances and toys. Switch introduction is described in the Routines chapter of APH's *Sensing and Learning*.

DC Supplement Adapter ▶

This battery powered, dual-polarity output adapter enables users to operate DC-powered devices with the APH Select Switch and other APH standard switches.

1-Ø8618-ØØ

Vibrating Pad with Adapter PARTS

This switch-operated pad vibrates on demand when connected to the Power Select and any APH switches. For a DC option, connect the Vibrating Pad to APH's DC Supplement Adapter paired with our Select Switch. Switch introduction is described in the Routines chapter of APH's *Sensing and Learning*. The Vibrating Pad is primarily used in tactual proprioception routines.

1-Ø8616-ØØ

Turbo Portable Fan with Adapter

This versatile switch-adapted fan with USB/AC adapter operates using AC or DC. Use it with APH's Power Select paired with any of our standard switches or with APH's Select Switch paired with our DC Supplement Adapter. Switch introduction is described in the Routines chapter of APH's *Sensing and Learning*. Sensorimotor learners typically use the fan in tactual proprioception routines, but expansion activities can produce auditory feedback.

1-Ø8619-ØØ

Power Select ▶

This environmental control unit enables individuals to control electrical and battery-operated toys, appliances, and devices with an AC adapter source. It includes features that make it useful for individuals with severe motor disabilities and cognitive impairments, such as four modes of control to meet the user's needs: direct, latch, timed seconds, and timed minutes. Additionally, the device has a low slanting profile to allow easy accessibility, rounded corners for safety, and a wrap-around carrying handle with a hook and loop closure to store the power cord.

NOTE: The Power Select is designed for 11Ø-13Ø VAC only. Use of adapters for 22Ø systems is not recommended.

1-Ø8612-ØØ

Select Switch UEB

Designed for use in educational and daily living applications, the Select Switch is a combination battery-operated environmental control unit and switch for individuals with severe motor disabilities and cognitive impairments. Various function control features enable users to communicate and control battery operated appliances, toys, and devices. Requires four AAA batteries (not included).

1-08617-00

Variable Beam Flashlight Kit ⚠️ PARTS

Designed to help students develop visual awareness and tracking skills. Kit includes: Instructions and activities, two variable beam flashlights, two sets of five translucent and four transparent color lenses, *Color Beam Book*, and AAA batteries.

1-08390-02

Joy Player UEB CVI PARTS ▶

This easy-to-load, switch-activated music player allows individuals who are developing fine motor skills, have limited mobility, or a cognitive disability (in addition to a visual impairment) to access music and audio books. Designed to be used with the personal music player routine in APH's *Sensing and Learning*.

Ships with five DTB cartridges

Note: Now available for free on the APH Tactile Graphics Image Library (TGIL): 1) Button switch caps for use on tactile communication cards and 2) The Joy Player Cartridge Holder!

Available in two versions, the slide closure and screw closure 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. The cut outs in the ledge accommodate pull straps (not included). The files to 3-D print this assistive device are available for free on APH'S TGIL.

1-07089-00

Embossers

PageBlaster ▶ PARTS

APH has partnered with HumanWare to bring an embosser to Quota. Meet PageBlaster, a powerful braille embosser for continuous fanfold paper.

The tractor-fed design 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 with TactileView drawing software, now included with purchase!

Note: The APH website contains detailed and thorough embosser set-up and other training tutorial videos to help make using your embosser in the classroom or at home as easy and efficient as possible. Helpful FAQ's and a link to purchase an optional acoustic hood to reduce noise can also be found on the website.

Please refer to **page 177** for information about a purchasable extended warranty.

1-08075-00

PixBlaster ▶

Developed in partnership with View Plus, PixBlaster easily produces 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 WiFi to translate and emboss documents on the fly from your computer or mobile device using the included PIXie box.

Note: The APH website contains detailed and thorough embosser set-up and other training tutorial videos to help make using your embosser in the classroom or at home as easy and efficient as possible. Helpful FAQ's and a link to register for a product warranty and a TSS activation number can also be found on the website.

1-08070-00

Mantis Q4Ø UEB PARTS ▶

Keep braille at your fingertips anytime, anywhere, with the Mantis Q4Ø: a full-sized Bluetooth, QWERTY keyboard, and 4Ø-cell refreshable braille display.

No longer choose between a keyboard or a braille device – while typing on the Mantis, the refreshable braille below the keyboard provides a multimodal braille complement to the screen reader. Now includes TTS when connected with a Bluetooth speaker!

Contains the following built-in applications:

- Basic editor to function as a user's pen and paper
- Create and edit files in print while reading them in braille
- Supports .doc, .docx, .txt, .brf, and .brl files
- Library to read. brf, .brl, .pef, .html, .doc, .docx, .rtf, DAISY, and .pdf

Compatible with:

- JAWS® 18+ (version 18 and newer), NVDA, SuperNova, ChromVox (USB only), Android and VoiceOver
- Windows 8+, Android (15+ for Bluetooth support, USB only for previous versions), macOS® 1Ø.15+ (Catalina), iOS device 13.4+, WatchOS 1Ø+ and TVOS (Apple TV) version 18+

Please refer to **page 177** for information about purchasable extended warranties.

1-Ø847Ø-ØØ

Mantis Q4Ø Case N

Experience convenience and style with this Turtleback carrying case, designed specifically for your APH braille display. Featuring a comfortable shoulder strap, this durable case ensures your device is protected and easily accessible wherever you go.

1-Ø8468-ØØ

Chameleon 2Ø UEB ▶

Now featuring Text-to-Speech to further encourage and support early braille literacy!

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.

Note: For international orders, please contact our partner, HumanWare.

Please refer to **page 177** for information about purchasable extended warranties.

1-Ø8471-ØØ

Chameleon 2Ø Case N

Experience convenience and style with this Turtleback carrying case, designed specifically for your APH braille display. Featuring a comfortable shoulder strap, this durable case ensures your device is protected and easily accessible wherever you go.

1-Ø8472-ØØ

MATT Connect V2.1 ▶ PARTS

The MATT Connect V2.1 is a compact, all-in-one magnifier and distance-viewer with an upgraded educational Android tablet that comes with pre-installed APH Android apps, enhanced accessibility, longer battery life, quicker start up times, and more.

1-Ø3943-ØØ

Replacement Android 12 Tablet ▶

The MATT Connect Replacement Android 12 Tablet will upgrade any first-generation MATT Connect to the current MATT Connect V2.1 technology. Upgrading your operating system to Android 12 will result in the ability to run the latest apps, including the pre-installed APH Android apps, enhanced accessibility, longer battery life, quicker start up times, and a dark theme.

1-Ø3944-ØØ

Polly ▶ UEB

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 using a gamified approach. With immediate feedback, incorporation of music, and competitive games, Polly makes learning braille more fun and interactive than ever.

The device also connects to an online teaching portal, Helios, where instructors can create individualized Spelling/Vocabulary lessons and customize the lesson order for student's learning needs– allowing Polly to be used as a supplementary tool for any braille curriculum.

1-Ø849Ø-ØØ

Jupiter Portable Magnifier ▶

Whether it's in the classroom, workplace, or at home - this powerful HD magnifier allows you to continue those activities that bring joy to everyday life, while exploring new opportunities for lifelong education. This easy-to-use, yet powerful magnifier features reading, distance, and self-view modes with over 3Ø contrasting colors, an LED screen, and much more!

1-ØØ37Ø-ØØ

BrailleBlaster ⠿UEB ▶

BrailleBlaster has been completely redesigned and simplified to make it easier than ever to make braille documents for the classroom.

Compatible with Windows, Mac, and Linux®. Opens NIMAS XML, EPUB, HTML, DOCX, and TXT files. Save your braille as a BRF or emboss it as needed.

Download from **brailleblaster.org**

D-3ØØ29-AP

Braille Badges ⠿UEB ▶

APH Braille Badges are for iMessage®! This fun, accessible sticker pack is great for sharing.

Available from the App Store
D-3ØØ24-AP

Fusion Suite R ▶

APH and Vispero® partnered to combine the world's most popular screen reader (JAWS) with screen magnification (ZoomText) into one easy software solution, Fusion, available to APH customers with the convenience of APH customer support! available to APH customers with the convenience of APH Customer Support!

Using the new Software License Portal, teachers and administrators can manage their licenses and move them between computers. Licenses are registered directly to an email address. Software can be installed on all versions of Windows 10 and 11.

D-11111-ED

Digital Talking Book Cartridge

This 4GB blank cartridge is for use with the National Library Service (NLS) Digital Talking Book Players and the APH **Joy Player**. Connect this cartridge to your PC via a USB cable (purchased separately) to download NLS books. Connect the Joy Player's USB cable (included) to download WAV and MP3 files.

Also available are Digital Cartridge Mailers that hold one cartridge for storage or mailing. Has a slot for a mailing label.

For more information about NLS digital talking books, **loc.gov/nls/digital.html**

Non-Quota
1-02609-00

Visual Brailler UEB ▶

Visual Brailler™ is a braillewriter app for your iPad. It displays a traditional six-dot keyboard and simulated braille on your iPad screen. You can edit and save your work. Visual Brailler supports any code you wish to use, because it makes no assumptions about what you are writing.

Visual Brailler also works with Bluetooth refreshable braille displays with keyboards.

Available from the App Store

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 word, education, and recreational activities. Juno can capture and process multiple pages of printed text using OCR. Users can either read the text on the screen with 2x-30x magnification and 24 high-contrast color modes, or have it read aloud to them using text-to-speech (TTS).

Juno offers a barrel camera that rotates 18Ø degrees to support five camera modes – promoting independence, learning, and continuing the hobbies that bring joy to everyday life:

- Self-view: complete grooming tasks
- Reading-view: view documents like books and homework assignments
- Distance-view: read a bulletin board, white board, or poster
- Writing-view: fill out a form, sign your name, write a check, or complete a worksheet
- Hobby-view: sew, knit, paint/color a picture, or view your favorite recipe

Note: Installing updates using a USB-C flash drive is required.

1-ØØ38Ø-ØØ

Video Mag HD

APH and Freedom Scientific partnered to develop the Video Mag HD, a durable, kid-friendly handheld high definition video magnifier.

Video Mag HD combines a high-definition camera with a rugged, lightweight body. Its auto-focus HD camera can magnify from 2x to 13x. A 4.3-inch LCD screen supports five default color modes and 15 additional contrasting color modes.

1-Ø3914-ØØ

Career Education and Transition Related Products

Quick and Easy Expanded Core Curriculum App

The Quick and Easy Expanded Core Curriculum (ECC) app is designed for transition students who are low vision. The included lessons address the most common gaps found within this population and require little time, expertise, or equipment to implement by the educational team and family members. The lessons, categorized by setting, category, needed items, and ECC area addressed, are designed to be completed in five to fifteen minutes.

Note: These lessons are not designed to replace a comprehensive program addressing the ECC.

Available for free download, **D-30038-AP**

from the App Store

from the Google Play Store

You can braille
the tape, cut the tape
to your clothing, and keep th
wash, dry, or iron. Unlike premade
you to a few colors and one color per labe
allows you to include your own abbreviations for
colors as you wish, laundry instructions, or clothes
matching information.

Attach labels by pinning or sewing them to your
clothing. We recommend pinning so that you can remove
labels while wearing garments if labels are uncomfortable
on your skin. We recommend that you use one pin per
label. Push the pin through the blank end of the label and
then pin the label to the garment. We chose pins with
sharp points to make it easier to push them through the
tape. If these pins are too large or too small, you can
purchase pins in the size of your choice at fabric stores or
in notions departments of some discount and department
stores. We provide and recommend quilting pins made of
nickel-coated brass. Quilting pins are usually stronger
than other pins; and nickel-coated brass is tarnish and
rust resistant.

Quilting pins in this kit keep labels fastened to
clothing in the washer and dryer. Braille should not fade.

Daily Living and Social Interaction Related Products

Color Star

Color Star is a powerful color identifier. 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 clear spoken voice output.

1-03952-00

DeafBlind Pocket Communicator (DBPC)

Durable, washable, and easily fits in your pocket or bag. The breakaway lanyard option gives you quick access. The DeafBlind Pocket Communicator is two-sided. The smooth side for numbers and the matte side for letters lets you know at first touch which side you need to use to chat with someone.

Communication cards can be helpful when using the DBPC with people at a coffee shop or in a store. Sample messages might include: "How much does this cost?" or "Use my finger to show me the answers on this device." Feel free to design your own communication cards to meet your unique needs.

1-16999-00

Labeling, Marking, and Organization: A Self-Help Guide for Persons After Vision Loss

If you are tired of opening apricots instead of tomatoes, wearing your navy shirt with black slacks, or floundering through files when trying to find your utility bill, then Labeling, Marking, and Organization may be the book you need! It contains practice activities that help you develop new ways to identify items with labels you can no longer read.

**Large Print
7-08870-00**

Functional Skills Assessment

The Functional Skills Assessment (FSA) is a tool used to evaluate daily living skills for students at all levels. Broken into modules, FSA covers a number of skills within four facets of independent living: Clothing, Food, Home, and Self Management. Online scoring pages are available at **funcsk.aphtech.org**. Users can unlock the forms using a code published inside the manuals.

Student Assignment files are provided online in both .brf and .docx formats. Assessment Manuals are also provided online as .brf files.

Clothing

The Clothing Management module covers clothing storage, laundering, sewing, and more.

**Print Manual
7-Ø8232-Ø1**

Food

The Food Management Assessment module covers cooking tools and utensils, menu planning, food preparation, and more.

**Print Manual
7-Ø8232-Ø2**

Home

The Home Management Assessment module covers organizing surfaces and materials, household chores, home safety practices, and more.

**Print Manual
7-Ø8232-Ø3**

Self

The Self Management Assessment module covers grooming, social skills, consumer skills, and more.

**Print Manual
7-Ø8232-Ø4**

Tactile Clothing Tape ⚠️

Enables braille readers to keep colors and other information about their clothing and linens exactly where they need it: attached to the item and ready to be read. The brailled information remains clean and readable after going through automatic washers and dryers, and even holds up under an iron as long as a layer of fabric is kept between the iron and the label!

Warning: This product contains safety pins. DO NOT use with children under 12 years unless directly supervised.

1-Ø742Ø-ØØ

Keitzer Check Writing Guide

A flexible, durable, polyethylene guide that will hold any standard check. A slant is located at the upper left corner for orientation. This guide allows you to feel the locations of the various blanks on a standard sized check and write in the correct areas.

The closed guide measures 3.5x6.25 inches and easily fits in a shirt pocket or purse. It works with checks that are standard size and have a standard layout.

1-Ø3528-VET Call about our special offer for veterans.

APH Signature Guide

This small, pocket-sized frame has an opening with an elastic band. The band provides a guide for writing and flexes to allow for the descenders of letters. Guide is made of aluminum with a rubber backing to prevent sliding.

1-Ø353Ø-Ø1

Push Button Padlock UEB

Each lock comes with two large print/braille cards listing the combination, along with large print and braille instructions. Buttons eliminate the worry of losing a key.

Non-Quota
1-Ø399Ø-Ø1

Recreation and Leisure Related Products

Finger Walks

This diverse collection of finger labyrinths invites you to focus your mind's eye as you concentrate on traversing their twists and turns. The tactile patterns in these finger labyrinths assist in developing a sense of touch, clearing and settling the mind, and experiencing calming and rhythmic movements.

This collection features:

- Designs that span over 4,000 years and five continents
- Different shapes and path widths that require varying amounts of concentration to complete
- Paths that are angular and round that allow for broad sweeping movements, as well as sharp and quick changes in direction

1-02850-00

Color Raceway Kit

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, taking turns with others).

Teachers and parents 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.

1-08461-00

Score Card Set

Generic Score Card made of durable plastic. Has twenty buttons in two rows of ten. Push down on a button to register one event. Pop up buttons to clear. Includes one yellow and one green card. Instructions in print and braille.

1-17001-00

Hop-A-Dot Mat UEB PARTS

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:

- Social interaction skills
- Self-expression and creativity
- Physical activity
- Body awareness/coordination
- Tactile discrimination
- Spatial concepts

1-Ø8819-ØØ

Braille/Print Spinners UEB

These two unique spinners—**Alphabet** (A-Z) and **Number** (numbers 1-6)—provide fun accessory options for teacher- and student-created games and recreational activities. Featuring high-contrast print and braille letters and numbers, as well as a fun spinning sound and a distinct tactile pointer, these two spinners can be used by students and adults of all ages. Give them both a "spin" for all sorts of games or use them for general braille awareness and learning opportunities.

Note: Both spinners are included with APH's Hop-A-Dot Mat.

Alphabet Spinner
1-Ø8817-ØØ

Number Spinner
1-Ø8818-ØØ

Games of Squares CVI ⚠️ PARTS

The 8x8 inch grid board and accompanying game pieces incorporate color contrast and distinctive textures and shapes. Starter ideas and possible adaptations are provided in Beyond X's and O's within the Game Instruction booklet.

1-Ø843Ø-Ø1

Talking GlowDice® CVI

Push the Roll button and a randomly generated number between one and six is announced in digital speech, and the corresponding number is displayed in bright blue LEDs.

Takes four AAA batteries (not included).

1-Ø75ØØ-ØØ

Audiojack ▶️

Appropriate for users of all ages, Audiojack is perfect for creative, fun, educational, medical, and therapeutic settings. This application promotes mindfulness, allowing your imagination and memory to converge as you start to build your own story based on what you hear. Get started with a monthly or annual subscription for your home, classroom, school building, or school district. Subscribe to a single user or multi-user group plan today! Subscriptions include access to a full list of Audiojack activities.

Note: not federal quota eligible.

D-19915-OL

Crossword ▶️

Now individuals who are blind or low vision can enjoy solving crossword puzzles on their computer!

Crossword is an accessible, cross-platform web app for solving digital crossword puzzles. This free download is compatible with most browsers and screen readers.

D-19912-OL

Resources for Professionals

Resources for Professionals Related Products

Rules of UEB

The definitive Unified English Braille (UEB) Rulebook developed by the International Council on English Braille (ICEB).

Large Print
7-91118-00

Braille
5-91118-00

CVI Companion Guide

Designed to assist parents and service providers, the CVI Companion Guide provides information on the social and emotional needs of children with CVI. The book also delves into documenting a child's current level of functioning with their CVI diagnosis and organizing a plan to work on skills needed to successfully participate in everyday activities.

ebook
8-05073-EPUB

Print
8-05072-00

Typer Online

Help students improve their typing skills with this self-voicing software. A modernization of APH's Talking Typer for Windows, Typer Online is a free, accessible typing and computer keyboard tutorial that can be accessed online from any computer or smartphone.

Visit **typer.aphtech.org** to participate in Typer Online's many drills and practice lessons, and check out the included keyboard explorer.

D-19914-Ol

Capitals And The Period Key

Use two hands to type capital letters. Use right shift when the letter you want to type is under your left hand. Strike it with your right little finger. Use left shift when the letter you want is under your right hand. Strike it with your left little finger. Use your right ring finger to strike the period.

Use the Escape key (Esc) in the upper left corner of the keyboard to exit this lesson.

Illinois Braille Series ⠠UEB

Now produced in Unified English Braille (UEB), the Illinois Braille Series is a classic program used to teach braille to former print readers.

Book I presents the symbols of uncontracted braille in one volume; Book II presents contracted braille in accordance with UEB order in two volumes. Successful completion of Book I is necessary before beginning a study of contracted braille using Book II.

Note: Each copy of Book I or Book II, in print or braille, is sold separately.

Book I	Book II
Print	**Print**
7-1723Ø-Ø1	**7-1724Ø-Ø1**
Braille	**Braille**
5-1723Ø-Ø2	**5-1724Ø-Ø2**

Important Icon Legend

N **New Product**

R **Revised Product**

⠠UEB **UEB**

Products with this icon are transcribed in Unified English Braille (UEB).

CVI **CVI**

Products with this icon may be appropriate for learners with CVI. Comprehensive assessment should determine which products are best matched to your learner's needs.

⚠️ **Safety Warnings**

Please note and follow the small parts choking hazard and other warnings indicated for certain APH products.

PARTS **Replacement and Optional Parts Available**

Products with this icon have available replacement parts.

▶️ **YouTube**

Product videos available on APH's YouTube Channel. **youtube.com/user/aphftb**

Braille Codebooks – BANA

The mission of the Braille Authority of North America (BANA) is to assure literacy for tactile readers through the standardization of braille and tactile graphics. It publishes rules for formatting and serves as the authority for braille transcribing.

Braille Formats: Principles of Print-To-Braille Transcription, 2016 UEB

With the implementation of UEB, these guidelines provide a foundation for transcribing print content in an accurate and consistent manner. A wide variety of examples are included. Available for free download on the BANA website: **brailleauthority.org/ braille-formats-principles-print-braille-transcription-2016**

**Braille
5-09653-00**

**Print
7-09653-00**

Music Braille Code, 2015 UEB

Where appropriate, rules and procedures have been adjusted to comply with the adoption of The Rules of UEB and of Braille Formats: Principles of Print-to-Braille Transcription. A section about transcribing music for harps has been added. It also incorporates some signs that are not defined in either that work or in the New International Manual of Braille Music Notation. Available for free download on the BANA website: **brailleauthority.org/music-braille-code**

**Braille
5-09651-00**

**Print
7-09651-01**

Guidelines and Standards for Tactile Graphics

Please Note: BANA is currently developing a revision to this document.

Available for free download on the BANA website: **brailleauthority.org/ guidelines-and-standards-tactile-graphics**

**Braille
5-35935-00**

**Print
7-35935-00**

Studio Recorder Software

A powerful digital recording and editing software package geared specifically for making recordings of the spoken word. Studio Recorder™ contains many features that make recording, editing, and proofreading audio books easy, including features not found in similar programs. Requires Windows 7 or later.

Digital Download
D-Ø36ØØ-ED

Self-Esteem and Adjusting to Blindness: The Process of Responding to Life's Demands, 2nd Edition

Explores the development of self-esteem, attitudes toward blindness, and adaptability illustrated by biographies and autobiographies of people who are blind. Helps people examine their reactions, coping skills, and personal attitudes in order to live a positive and independent life.

Braille
5-ØØ5ØØ-ØØ

APH InSights Calendar 2026

Featuring Artwork by Blind and Low Vision Artists
American Printing House for the Blind, Inc.

Gifts Related Products

Paint-by-Number
Safari Series ◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆83-84

APH InSights Art Calendar: Large Print-Braille, 2026 R UEB

This beautiful full-color calendar features the artwork of blind and low vision artists.

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.

Note: The APH InSights Calendar MAY be purchased with Federal Quota funds; however, quantity purchases of this calendar for fundraising purposes MAY NOT be purchased with Quota funds. Art calendars can be purchased with a minimum order of 50 for fundraising projects.

Please contact the APH Contract Administration Office at 1-800-223-1839 to order.

Single Copy
5-18971-26

Custom-Printed
5-18972-26

Important Icon Legend

N New Product

R Revised Product

UEB UEB

Products with this icon are transcribed in Unified English Braille (UEB).

CVI CVI

Products with this icon may be appropriate for learners with CVI. Comprehensive assessment should determine which products are best matched to your learner's needs.

⚠ Safety Warnings

Please note and follow the small parts choking hazard and other warnings indicated for certain APH products.

PARTS Replacement and Optional Parts Available

Products with this icon have available replacement parts.

▶ YouTube

Product videos available on APH's YouTube Channel. **youtube.com/user/aphftb**

Other Services from APH

This section contains information on selected services offered by APH. For complete information about APH services, please visit **aph.org** or call 1-800-223-1839.

APH News – Your APH Connection

APH News is one of the best ways to learn about new products, services, and resources at APH!

To join our mailing list and receive our monthly newsletter and other APH updates, visit: **aph.org/contact-us/subscribe**.

The APH Blog

The APH blog is your go-to source for information about APH products, innovations, accessibility and happenings in the field of blindness. Follow our journey as we work to break down barriers and create a more inclusive world. You'll learn from leaders in the field and also hear stories from a diverse group of peers who will inspire and challenge you. Visit **aph.org/blog** to start reading.

Need Accessible Materials? APH Will Custom-Make Them for You!

Our state-of-the-art processes and exacting standards allow us to create custom braille, tactile graphics, enlarged print, and audio materials for your clients, customers, shareholders, and employees who are blind or low vision.

Please contact APH Contract Administration for a no-obligation cost estimate on your next project at 800-223-1839 (menu option 1, then menu option 2 for Braille Transcription Services or custom requests), or email **contracts@aph.org**.

APH Social Media

Are you on social media? Follow us to stay up-to-date on everything happening at APH and in the field, from exciting announcements and updates, to tutorials and events.

Here's where you can find us

Other Services From APH

Explore Free Downloadable Tactile Graphics in the TGIL!
The Tactile Graphics Image Library (TGIL) is a free service of APH in support of teachers, transcribers, students, families, and paraprofessionals. Over 2,300 graphics files can be searched by category or keyword and then downloaded and customized for your specific situation. Files can be used as templates for collage, microcapsule, and graphic embossers. Monarch users can also directly access the TGIL from their device and search and display any graphic. For more information, or to register, please visit us at **imagelibrary.aph.org**.

Need to Find Accessible Textbooks?
The Louis Database is the ultimate tool for finding accessible textbooks for your students. Louis contains information on accessible K-12 materials produced by over 50 organizations throughout the US, including textbooks and recreational reading materials in braille, large print, and audio. In addition, Louis offers various types of electronic files to make your textbook production/acquisition quicker and easier. Current file formats include braille-ready files (produced with Duxbury, Braille Blaster, etc.), large-print files (PDF), and text files (Word or RTF). Remember the Louis website **louis.aph.org** is the only place you can find and purchase APH textbooks—both hard copy and digital.

Please contact READS for additional information at 800-223-1839 x705 or email: **resource@aph.org**

Accessible Tests and Textbooks Department
Accessible Tests and Textbooks offers a wide range of services. For more detail about any of these services, please visit **aph.org**.

Tests: Extensive Services Offered
APH is prepared to assist with all phases of test accessibility, from item development and bias review through production, shipping, and product support. Tests offered through this department can be ordered in hard copy braille, large print, enlarged print, and digital formats. Accessible Tests also reviews online testing for accessibility to ensure all tests are accessible for all customers.

Textbooks: The Accessible Media You Need
APH responds to the textbook needs of students who are blind and low vision by delivering custom-produced accessible textbooks in a variety of media in a timely manner. Accessible Textbooks staff processes all new textbook orders. We offer these media for textbooks:

Braille Textbooks, Hard Copy and Digital
Includes hard copy braille textbooks, as well as downloadable braille-ready files. Accompanying tactile graphics are available for purchase.

Large Print Textbooks, Hard Copy and Digital
APH Large Print textbooks can also be used on digital reading devices such as iPad, Kindle®, Braille Plus 18™, and more. Many of the large print e-files contain image descriptions.

For questions about accessible tests or textbooks, contact Michael Haynes, Accessible Tests and Textbooks Manager, Braille Improvement Department, at 502-899-2217 or **mhaynes@aph.org**.

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Nota para nuestros clientes que hablan español:

Es nuestro placer a servir usted en Español por correo electrónico.

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Usted es muy importante a nosotros, gracias.

El personal del American Printing House for the Blind, **support@aph.org**

APH OFRECE CIERTOS PRODUCTOS Y MANUALES EN ESPAÑOL

Juego de Calendario para el Salón de Clases: **1-18973-00** 11Ø

Caja de Luz: Guía de Actividades. Favor de visitar nuestra página web para obtener más información.

Nivel I: 7-Ø867Ø-SP
Nivel II: 7-Ø868Ø-SP

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- Go to **aph.org** for accessible and secure ordering
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- Purchase online using either credit card or Federal Quota funds

Email

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- Please include catalog numbers, product names, quantities, price each, and total amount due
- Please do not email your credit card information

Phone

- Call 1-8ØØ-223-1839 or 5Ø2-895-24Ø5
- Please have your credit card ready

Mail

- Mail a Federal Quota order form (signed by EOT), purchase order, APH order form, or a letter written in print or braille stating desired items and quantities. Please include check, money order, or your contact information for us to obtain credit card payment.
- Please do not mail your credit card information.

American Printing House for the Blind
1839 Frankfort Ave
Louisville, KY 4Ø2Ø6

Note: Checks and money orders must be in U.S. dollars. Kentucky residents must include 6⁰∕₀ sales tax.

Shipping Methods

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Note: When indicated, select items cannot be shipped via Free Matter and will require paid shipping.

Shipping Outside of the U.S.

We are unable to offer Free Matter for the Blind shipping on international orders at this time. The customer is responsible for the shipping cost of all other items requiring paid freight. Please contact Customer Experience via phone, email, or mail for a freight estimate. APH recommends shipment by Priority Mail International Airmail, as surface mail is much slower.

All export and/or import duties, brokerage fees, etc. are paid by the customer. Please check with your customs broker to make arrangements in advance.

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These timeframes do not include processing time.

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UPS® 3-Day
Guaranteed 3-day delivery to street addresses only (no P.O. boxes).No Saturday, Sunday, or holiday delivery.

Further Assistance

aph.org
support@aph.org
1-8Ø0-223-1839 or 5Ø2-895-24Ø5

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***Note:** Thorium Reader does not support the interactive features built into the CVI Complexity Sequences eBook, however it reads the text correctly.

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Return Policy

APH stands behind its products. We will accept returns on most items within 6Ø days of shipment date. Prior authorization for returns is required. APH reserves the right to refuse or limit returns in cases of abuse of this policy.

The following items may not be returned for any reason other than defects:

- Software
- Apps
- eBooks
- Made to order large print, braille, or APH Press books
- Custom orders

The following made to order books may not be canceled once production has begun:

- Large print (catalog prefixes 4-, A-L, F-)
- Braille (catalog prefixes A-B)
- APH Press (catalog prefix F-B)
- Customer orders (S-)

Please contact the Customer Experience Department at **support@aph.org** or 8ØØ-223-1839 to obtain a return authorization number.

General Repair Policy

If you are experiencing difficulty with an APH product, please call the Customer Experience Department at 8ØØ-223-1839 and explain the issue you are experiencing. It is possible we can solve your issue over the phone. If your product requires repair, please contact APH Customer Experience to obtain a repair Return Authorization number. Do not return devices without a Repair Authorization number.

Payment is required for eligible out of warranty products prior to the completion of any repairs. Accepted forms of payment are as follows:

- Federal Quota purchase order, which must be signed by the EOT.
- School or organization purchase order
- Check

Products Under Warranty

If your product is still under warranty, we will repair or replace the item at no cost to you (subject to certain restrictions). Please contact Customer Experience to obtain a Return Authorization number and additional instructions for warranty repairs.

Note: Discontinued catalog number indicated by (d)

Products Out of Warranty

For products out of warranty, please contact Customer Experience at **support@aph.org** or 1-8ØØ-223-1839 to initiate a repair. Customer Experience will provide a Return Authorization number, information on pricing, and additional instructions for warranty repairs.

APH SMART Brailler by Perkins: 1-ØØ82Ø-ØØ
Book Port DT: 1-Ø72ØØ-ØØ (d)
Book Port Plus: 1-Ø7191-ØØ (d)
Braille Trail Reader: 1-Ø7421-ØØ
Chameleon: 1-Ø8471-ØØ
Colortest 1-Ø3951-ØØ (d)
Juno: 1-ØØ38Ø-ØØ
Jupiter: 1-ØØ37Ø-ØØ
Large LED Light Box 1-Ø8655-ØØ
LED Mini-Lite Box 1-Ø8654-ØØ (d) 1-Ø8654-Ø1
Light Box: 1-Ø866Ø-ØØ (d), 1-Ø8669-ØØ (d)
Mantis Q4Ø: 1-Ø847Ø-ØØ
MATT Connect: 1-Ø3941-ØØ(d), 1-Ø3943-ØØ, 1-Ø3944-ØØ
Mini-Lite Box: 1-Ø8661-ØØ (d)
PageBlaster: 1-Ø8Ø75-ØØ
Perkins Braillers: 1-ØØ85Ø-ØØ (d), 1-ØØ86Ø-ØØ (d), 1-ØØ815-ØØ
Perkins Smart Brailler: 1-ØØ82Ø-ØØ
Perkins/APH Next Gen Brailler: 1-ØØ8ØØ-ØØ (d)
Polly 1-Ø894Ø-ØØ
Portable Sound Source: 1-Ø3Ø4Ø-Ø1 (d), 1-Ø3Ø4Ø-Ø2 (d), 1-Ø3Ø45-ØØ (d)
Power Select/SLK 1-Ø8612-ØØ
Video Mag HD 1-Ø3914-ØØ

Chameleon, Mantis, and PageBlaster Warranties

Chameleon 2Ø: One- and Two-Year Warranties

These warranties will extend the manufacturer's original one-year warranty by an additional year, or two years. Should a repair be needed, a loaner unit will be shipped to you. You will receive the loaner unit within five business days. One device cleaning per year is available during the term of the extended warranty. Shipping is covered on the loaner unit, sending in your unit for repair, and getting your unit back from repair. Extended warranties must be purchased within 3Ø days of the original purchase date. **Note:** You cannot purchase more than two years of extended warranty.

One Year Warranty	Two Year Warranty
1-Ø8471-1YW	1-Ø8471-2YW

Mantis Q4Ø: One- and Two-Year Warranties

These warranties will extend the manufacturer's original one-year warranty by an additional year, or two years. Should a repair be needed, a loaner unit will be shipped to you. You will receive the loaner unit within five business days. One device cleaning per year is available during the term of the extended warranty. Shipping is covered on the loaner unit, sending in your unit for repair, and getting your unit back from repair. Extended warranties must be purchased within 3Ø days of the original purchase date. **Note:** You cannot purchase more than two years of extended warranty.

One Year Warranty	Two Year Warranty
1-Ø847Ø-1YW	1-Ø847Ø-2YW

PageBlaster 1 Year Warranty

This warranty will extended the manufacturer's original two-year warranty by an additional year, up to two years. A device cleaning is included with each year of extended warranty purchased.

One Year Warranty
1-Ø8Ø75-1YW

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The Dot Experience

A New Global Attraction

The The Dot Experience is an all-new destination being designed by American Printing House for the Blind (APH) and scheduled to open early 2026. The Dot Experience is on a mission to change perspectives about blindness, spur insight and action that welcomes everyone, and lead as model museum of inclusivity and accessibility. Part museum, attraction, factory tour, and center of education, this Louisville-based facility is the intersection of innovation, insight, and opportunity. The Dot Experience will share compelling first-person stories, cutting edge innovations created by and with people who are blind or low vision, and world-class treasures like the Helen Keller's desk, the piano Stevie Wonder played on as a child, the first guide dog harness, and a rare book by Louie Braille published in 1829.

Everything is being created with an unprecedented set of applied inclusive design standards that puts disability access front and center. Museums worldwide are thinking about disability inclusion, but too often as something additive to an already designed or built experience. Every step of the design process is fully focused on an inclusive experience that makes sure there is access to all meetings and materials. An inclusive prototyping team comprised of local individuals of varying backgrounds and disability are meeting monthly with the exhibit design firm to inform each step of the design and fabrication process.

Learn more about getting involved in **The Dot Experience** by contacting Jo Haas, *VP of Advancement and The Dot Experience*, at **jhaas@aph.org** or 502-515-9136.

AMERICAN PRINTING HOUSE

1839 Frankfort Avenue
Louisville, KY 40206

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