

Assistive Technology Supports: Babies and Toddlers with Hearing Loss

Assistive Technology Program 1-866-866-8782 (Toll Free) 515.289.4069 (TTY) atinfo@eastersealsia.org (Email)

Easterseals Iowa

Providing exceptional services to ensure that all people with disabilities or special needs and their families have equal opportunities to live, learn, work, and play in their communities.



What is Assistive Technology?

- Assistive Technology is defined as any piece of equipment, product system, or service used to increase, maintain, and/or improve functional capabilities of individuals with disabilities or limitations (ATIA, 2017).
- Assistive Technology can range from low-tech to high-tech depending on the need and implementation.





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Deaf and Hard of Hearing: Assistive Technology

- Alerting Devices
- Telecommunication Devices
- Assistive Listening Devices
- Captioning



Image of a Pocket Talker; personal amplification device



Deaf and Hard of Hearing

- Children that are Deaf and/or Hard of Hearing
 - Working with an
 - Audiologist
 - Cochlear implants
 - Hearing aids



- Assistive Technology for Hearing Aids
 - Tone hooks
 - Special tape/adhesives
 - Eyeglass bands
 - Huggie Aids ™
 - Hearing aid clips

https://www.babyhearing.org/devices/help-baby-adjusthearing-aids



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Child Development

The adolescent can reason abstractly and think in hypothetical terms.

Formal operational (12 years-adult)

The child can think logically about concrete objects and can thus add and subtract. The child also understands conservation.

Concrete operational (7-12 years)

The child uses symbols (words and images) to represent objects but does not reason logically. The child also has the ability to pretend. During this stage, the child is egocentric.

Preoperational (2-6 years)

The infant explores the world through direct sensory and motor contact. Object permanence and separation anxiety develop during this stage.

Sensorimotor (0-2 years)

 What milestones are other children the same age reaching?



Assistive Technology

•What activities are other children the same age engaging in?

http://deafchildren.org/knowledgecenter/parents-and-families/early-visual-language/



Visual schedule for morning routine with images of action and words. Actual pictures can also be utilized.



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Assistive Technology



Communication Purse to supplement or replace spoken communication.



Webber Functional Communication game uses nonverbal communication as an engaging activity.

•What barriers are being caused by limitations in hearing or a diagnosis of Deafness?



lowa

Easterseals Iowa Assistive Technology Program

State AT Implementing Entity Serving all ages in all areas of Iowa

- Information and Referral
- Demonstration Center
- Durable Medical Equipment Loan Program
- Lending Library
- AT Exchange



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Information & Referral



• Any individual in Iowa can reach out to us with questions, concerns, needs.



Durable Medical Equipment Loan

- Runs solely off of donated durable medical equipment.
- Application for loan includes approval from a Health Care Provider
- Application available at <u>www.easterseals.com/ia/at</u>
- Loans to lowans with disabilities, living in the community for a nominal fee.



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Demonstration Center



Demonstration Center includes:

- Dropped countertop kitchen
- Adaptive kitchen cupboards
- Adjustable height desk
- Amazon Alexa and accessories
- Personal care devices
- Home care devices



Lending Library



easterseals

- Up to five devices loaned for 30 day trial period
- Any lowan with a disability, family member, or representative may review or request a loan from our inventory at www.eastersealsia.at4all.com
- Try before you decide to buy



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Iowa Assistive Technology Exchange

Easterseals Iowa Assistive Technology Center

Exchange Disclaimer Password: The Items sold by Individuals on the Easter Seals Iowa Assistive Technology Program Exchange site are not guaranteed to be sanitized. For your safety, please disinfect the device upon receipt, taking care to follow the manufacturer's sanitation & safety recommendations. To ensure the Submit Request a New Account device is safe to use, check the U.S. Food and Drug Administration ebsite Medical Device Recall 1 Forgot Hy Passwordt Database found below. Device Recall Database RED COOLSHENT U.S. Food & Drug Administration Medical Device Recall Database Click here to read more... Jazzy Elite HD Easter Seals Iowa Assistive Technology Center Wheelchair The Easter Seals Iowa Assistive Technology (AT) Center holds a variety of resources to support Iowana. Iowa Assistive Technology Exchange Program (formerly known as UERS), a "classified ads" 22 inch wide seat, i to 4 miles per ho feature, connects people with available AT across the state. It is free of charge to create an account. The Lending Library is a great way to Pride Jazzy 1170 make sure a product works before making a purchase, by allowing

www.eastersealsia.at4all.com

Exchange (formerly known as UERS) is a "classified ads" feature that connects lowans selling their durable medical equipment to lowans in search of durable medical equipment.



Resources for Assistive Technology

Where to go... for what?!?

- Brain Injury Alliance of Iowa
- Physical Therapists
- Speech Language Pathologists
- Occupational Therapists
- Recreational Therapists
- School Counselors
- Area Education Agency
- Vocational Rehabilitation Services



nttp://www.easterseais.com/ia/snaredcomponents/document-library/assistive-tech for.pdf



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Resources: Early ACCESS Iowa Department of Education

Early ACCESS

www.educateiowa.gov/pk-12/early-childhood/early-access

- Early ACCESS is a partnership between families with young children, birth to age three, and providers from the Department of Education, Public Health, Human Services, and the Childhood Specialty Clinics.
- The purpose of this program is for families and staff to work together in identifying, coordinating, and providing needed services and resources that will help the family assist their infant or toddler to develop and learn



Resources: JAN

Job Accommodation Network

www.askjan.org

 Job Accommodation Network (JAN) is a source of free, expert, and confidential guidance on workplace accommodations and disability employment issues.





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Resources: Telecommunications Access Iowa

Telecommunications Access Iowa

 Iowa Utilities Board program that provides vouchers for single telecommunications products or packages of products to support individuals that are Hard of Hearing, Deaf or have communication difficulties.

https://teleiowa.com/

1-800-606-5099 (Toll Free) 1-515-282-5099 (Voice) 1-515-200-2898 (VP)



Resources: Iowa Compass

Iowa Compass Resource Database

- Connects people with disabilities and complex health related needs to services and supports in their communities throughout lowa.
- Search engine for services and resources.
- Tip Sheets including AT funding options, community resources, student rights, and frequently asked questions.

Center for Disabilities and Development

www.iowacompass.org 1-800-779-2001 (Toll Free) 711 (Relay) Iowa-compass@uiowa.edu (Email)



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Resources: The Iowa Able Foundation

Iowa Able Foundation

 Statewide non-profit helping lowans with disabilities and the aging achieve and maintain independence through micro lending programs and financial coaching.

www.iowaable.org

1-888-222-8943 (Toll Free) 711 (Relay)



Resources: Association of Assistive Technology Act Programs (ATAP)

ATAP

www.ataporg.org

- ATAP is a national, member-based non-profit organization, comprised of state Assistive Technology Act Programs funded under the Assistive Technology Act (AT Act).
- ATAP facilitates the coordination of state AT Programs nationally and provides technical assistance and support to its members.



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