

Assistive Technology Overview
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Oklahoma ABLE Tech

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Oklahoma ABLE Tech

Assistive Technology Act of 1998 as amended
– funded by the U.S. Department of Education

Lead agency – OSU

Mission is to enhance the provision of, access
to, and funding for assistive technology - **AT**

All Ages...All Disabilities...Statewide

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4 Activities of ABLE Tech

Device Short Term Loan

Equipment Demonstration

Device Reutilization

State Financing Activities

www.okabletech.okstate.edu

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Device Short Term Loan

Device short-term loans to individuals or organizations for the purpose of:

“Try before they buy”

Assessment/Evaluation

Allowing consumers and agencies to use as interim equipment while waiting on purchase

Meeting interim needs when devices go in for repair – or short term accommodation

For personnel development activities

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ABLE Tech Equipment Loan

Devices are provided at no-cost

Types of *AT* that is available is limited

Time limited – **maximum** loan is 42 days

Limit on the number of devices borrowed at one time – 3

Some equipment may require a support professional to be identified

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Oklahoma ABLE Tech | Device Demonstration and Short Term Loan - Windows Internet Explorer

http://joeec.okstate.edu/loan/

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Convert Select

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Share Sidewiki Check Translate AutoFill Sign In

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Device Loan and Demo [View Device Loan and Demo](#)

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OKLAHOMA'S ASSISTIVE TECHNOLOGY PROGRAM

OKLAHOMA ABLE TECH

Device Demonstration and Short Term Loan

[About Program](#) [Search Our Inventory](#) [Partner Locations & Contact](#) [Complete a Brief Survey](#) [Loan Form](#)

About Program

Oklahoma ABLE Tech, in partnership with [7 locations listed below](#), operates an assistive technology (AT) device demonstration and short term loan program to increase accessibility and utilization of AT. The program is available to Oklahoma residents with disabilities, their family members, and the professionals that support them.

- Experienced AT providers available to discuss personal needs and options
- Explore and try before you buy
- Short-term loan of AT equipment and devices

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Equipment Demonstration

Device demonstration may include individual and small group exploration designed to support **informed decision-making** and guided experiences for a specific device or a group of devices to support effective usage.

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ABLE Tech Partners

Department of Rehabilitation Services, Visual Services Division

Hearing Loss Association of Oklahoma City

New View Oklahoma

The University of Tulsa, Mary K. Chapman Center for Communicative Disorders

Total Source for Hearing Loss and Access (TSHA)

Oklahoma Department of Career & Technology
Education

Department of Human Services, Developmental
Disability Service Division

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Device Re-utilization

Oklahoma Equipment Exchange

Pre-owned items are listed on a web site in a "want ad" type posting and consumers can contact and arrange purchase of the used item directly from the current owner.

There is no charge for listing the item or purchasing the device

<http://oec.okstate.edu>

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State Financing Activity

Alternative Financing Program (AFP)

& Access to Telework Fund Program (ATF)

Partners: BancFirst of Stillwater

Oklahoma Assistive Technology Foundation

5% fixed interest rate loan to buy *AT*

Guaranty loans for applicants that do not qualify for a unsecured bank loan

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Other ABLE Tech Activities

Training & Technical Assistance

Public Awareness & Statewide Information and Referral

Coordination & Collaboration

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Other ABLE Tech Activities

Oklahoma AgrAbility Project

Assist Farmers and Ranchers with disabilities

Oklahoma Early Intervention Accommodation Program for Employment

Provide technical assistance for job *AT*

Special Education Resolution Center

Manages due process hearing system

Fire Safety Solutions for Oklahomans with Disabilities

Free smoke alarms for people that have hearing, vision or mobility disabilities

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AT is anything that makes things easier to...read, learn, eat, play, move, turn on.

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Assistive Technology - IDEA

Federal Regulations under IDEA defines assistive technology (AT) devices and services under 34CFR§300.5 & §300.6

CFR§300.24(a)(2) Consideration of Special Factors – “The IEP Team shall – consider whether the child needs assistive technology devices and services.”

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What is Assistive Technology?

Device

“any item, piece of equipment, or product system, whether acquired commercially off the shelf, modified, or customized, that is used to increase, maintain, or improve functional capabilities of a child with disabilities”

*The term does not include a medical device that is surgically implanted, or the replacement of such a device

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What is Assistive Technology?

Services

“any service that directly assists persons with a disability in the selection, acquisition, or use of an assistive technology device.”

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***AT* Services**

Evaluation – including functional evaluation in a customary environment

Purchasing, leasing, or otherwise providing for the acquisition

Selecting, designing, fitting, customizing, maintaining, repairing, or replacing

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AT Services ...cont.

Coordinating and using other therapies, interventions, or services i.e. other education or rehabilitation plans

Training or technical assistance for a child with a disability and/or family

Training or technical assistance for professionals including education or rehabilitation services, employers, or those involved in major life functions of that child

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FAPE

Requires schools to provide **AT** if it is needed for a student to receive FAPE

Special Education

Related Services

Supplementary aids and services

Program modifications or support for school personnel

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FAPE

FAPE must be provided at no cost to parents

Schools may not unnecessarily delay the provision of **AT** devices and services due to funding issues if a child requires the devices and services to benefit from the IEP.

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Take Home Regulation

34CFR§300.105(b)

On a case-by-case basis, the use of school-purchased **AT** devices in a child's home or in other settings is required if the child's IEP

team determines that the child needs access to those devices in order to receive FAPE.”

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Oklahoma Assistive Technology Center - OATC

Assistive Technology Program for Oklahoma Public Schools

Information & Referral

Assistive Technology Consultation

Assistive Technology Technical Assistance

Assistive Technology Evaluation

Staff Development Activities

AT Short Term Loan Program

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Contact OATC

Oklahoma Assistive Technology Center (OATC)

1600 N. Phillips

Oklahoma City, OK 73104

(405) 271-3625

(800) 700-6282

<http://www.ah.ouhsc.edu/oatc/>

Maria-jones@ouhsc.edu

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AT Consideration – Ability to:?

Produce written work efficiently and progress in
the general curriculum

Read effectively Communicate effectively

Independently sit, stand walk

Independently feed him/herself

Participate in activities such as art, music,
physical education, recess, play, etc.

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AT Evaluations

Can be a part of the educational evaluation or reevaluation

Parents or other team members can request an **AT** evaluation (based on barriers) at any time

Some students may need **AT** to meet their IEP Goals

Is **AT** necessary to achieve goals, benefit from education or make reasonable progress in the general curriculum

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Ten Common Areas of **AT**

Mobility

Seating/Positioning

Communication

Computer Access

Environmental

Daily Living

Sensory

Transportation

Vocational

Recreation/Leisure

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Range of **AT** Options

Low Tech

simple tools and adaptations often readily available inexpensive require little training

High Tech more complex electronics

may be highly customizable costly

require training

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AT Solutions

Individuals - regardless of the severity of their disability - may need and use the entire spectrum of low tech to high tech devices

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Physical Needs

Individual has decreased strength, dexterity, flexibility, endurance, or balance.

Functional limitations in areas of walking, reaching, bending, grasping.

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Simple Solutions

Larger grips/buttons/targets

Padded grips

Helpers/stabilizers

Walkers

Wheelchairs

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Sensory Needs

Limitations in acuity (visual & auditory)

Limitations in perception

Difficulty discriminating colors

Difficulty discriminating pitch/frequency

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Simple Solutions

Vision Loss

Increase lighting/higher contrast

Enlarge/magnify

Add sound or speech

Use tactile labels/output

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Simple Solutions

Hearing Loss

Clear visual display

Volume control

Vibration alert

Visual signal

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Communication Needs

Poor verbal skills

Difficulty expressing wants and/needs

Difficulty with sign language due to motor coordination issues

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Simple Solutions

Communication boards or books

Low tech speech output-digitized

High tech speech output-synthesized

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Cognitive Needs

Decreased speed of information processing

Difficulty learning new skills

Memory and attention span issues

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Simple Solutions

Memory reminders and organizers

visual organizers

auditory schedules

voice organizers

pre-programmed sequence

Personnel Digital Assistant

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Activities of Daily Living

Eating, drinking, cooking

Personal hygiene

Getting dressed

Reading, writing

Leisure

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Computer Access Needs

Accessibility options—operating system

Keyboard typing aids and supports

Alternative input devices

Typing aids

Voice recognition software

Alternative mouse devices

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Contact ABLE Tech
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