

# ABLE Tech Services Bookshare and More: AT Solutions for Dyslexia

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Oklahoma ABLE Tech

# Oklahoma ABLÉ Tech

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Serves people of  
all ages and  
disabilities all over  
Oklahoma



# Mission

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To help people in Oklahoma  
access and acquire  
assistive technology (AT)

# What is Assistive Technology?

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Anything that helps a person with a disability do a task easier, better, faster, more efficiently that might otherwise be difficult or impossible to do without it.

# Accessing AT

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- Device Demonstrations
- Device Short-Term Loans
- Information and Referrals
- Training

# ABLE Tech AT Loan Program

## AT.OKState.edu

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# Training

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## OSDE - *Assistive Technology and Information Services to Oklahoma Public Schools*

- AT Support Teams
- AT Consultations
- Trainings and Webinars

## Workforce for All

- Trainings
- Evaluation of Built and Systematic Accessibility

# Acquiring AT

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- Device Reutilization
- Financial Loans
- SoonerCare Provider of Speech-Generating Devices
- Coordinate installation of smoke alarms for Oklahomans with disabilities



# Access for All

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1. Ensures all job seekers receive equal access to employment services as part of the Oklahoma Workforce System under WIOA
2. Certification process covers both:
  - A. Physical Access
  - B. Technological Access
3. American Job Center(AJC) AT Kits
4. For more information: archived tips, newsletters, webinars, etc. can be found at:  
[https://www.ok.gov/abletech/Workforce\\_for\\_All/index.html](https://www.ok.gov/abletech/Workforce_for_All/index.html)

# Technology by Need

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1. Learning, Memory, Organization
2. Listening Devices
3. Visions Devices
4. Computer Access/Ergonomic Equipment
5. Environmental Adaptations

# Difficulty Learning?

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## CIRCUMSTANCES:

- Productivity
- Organization
- Education/Literacy
- Memory
- Sensory

## TRY:

- Notes – post-it
- Outlines – to do's
- Auditory & visual feedback
- Software - apps
- Assistive Technology

# Organizing Features of Technology

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- Calendars
- Auditory Reminders
- Calculators
- Text-to-speech
- Speech-to-text

# Features of Accessible Digital Text:

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**Dual-color highlighting**

**Customizable fonts**

- Dyslexie font, Beeline font, and other fonts designed to help individuals with dyslexia distinguish letters and improve eye-tracking

**Text-to-speech with customizable voices,  
adjustable reading speed**

# Bookshare- Free Source for Accessible Digital Text

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**Funded by OSEP**

**ABLE Tech provides free training and technical assistance through OSDE Contract**

**Best Practice is for schools to provide curricular materials for eligible students through Organizational Account**

- Student is able to select additional titles using Individual Account linked to School's Organizational Account

# Accessible Book Reading

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## **Voice Dream Reader**

- Apps for iPads, tablets, or other mobile devices

## **Bookshare Web Reader**

- Web browser with text-to-speech app or extension

# Optical Character Recognition, and Text-to-Speech

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## **Claro Reader**

- App/extension for computers, tablets, and mobile devices

## **C-Pen Reader Pen**

- Stand-Alone Device



# Lecture Recording, Notetaking, Annotation

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## **Notability**

- Apps for iPads, tablets, and other mobile devices

# Difficulty Hearing?

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## CIRCUMSTANCES:

- On the phone
- In face-to-face conversations
- On conference calls
- Emergency Alerts

## TRY:

- Controlling your environment
- Anticipating / communicating what you need
- Assistive Technology

# Hearing Features of Technology

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- Sound Amplification
- Visual alerts
- Tactile alerts
- Captioning

# Difficulty Seeing?

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## CIRCUMSTANCES:

- Blindness/Low Vision
- The computer screen
- Paper documents
- The phone

## TRY:

- Increase lighting
- Magnification tools
- Checking font style & size
- Have vision screened
- Assistive Technology

# Vision Features of Technology

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- Increase contrast
- Enlarge/magnify
- Use tactile labels/output
- Text-to-speech
- Speech-to-text

# Difficulty at Your Computer?

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## CIRCUMSTANCES:

- Neck or back hurt?
- Carpel Tunnel Syndrome
- Surgeries
  - Permanent
  - Temporary

## TRY:

- Adding pillows/foam to chair
- Using books and other materials to create foot and arm rests
- Adjust monitor height
- Assistive Technology

# Access Features for the Computer

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- Adjustable keyboard
- Onscreen keyboard
- Alternative mouse
- Adjustable chair
- Adjustable foot rest
- Adjustable desk

# Trouble Accessing the Environment?

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## CIRCUMSTANCES:

- Entrances to buildings
- Appliances
- Door handles, faucets, and light switches
- Gardens, farms, and tools

## TRY:

- Decluttering the space
- Removing throw rugs
- Assistive Technology



# Features/Tools for Accessing the Environment

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- Adaptive handles and seating
- Interfaces for appliances/computers
- Apps for phones and tablets
- Non-slip grips and grab bars
- Alternative access to lights
- Ramps

# AT Discovery – Education Outcomes

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<http://okabletech-atdiscovery.org>





DEPARTMENT OF  
Wellness

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