

engageok

SUMMER EDUCATION EVENT

The logo for the Oklahoma State Department of Education (OSDE) is positioned to the right of the event title. It features a stylized outline of the state of Oklahoma, filled with a gradient of yellow, orange, and purple. The letters 'OSDE' are printed in white on the purple section of the state outline.

OSDE

TUESDAY, JULY 7 – THURSDAY, JULY 9, 2015

COX CONVENTION CENTER • OKLAHOMA CITY, OKLAHOMA

engage.ok.gov #engageok

Assistive Technology and Accommodations for Struggling Readers



Presented by Oklahoma ABLE Tech

Overview of Content

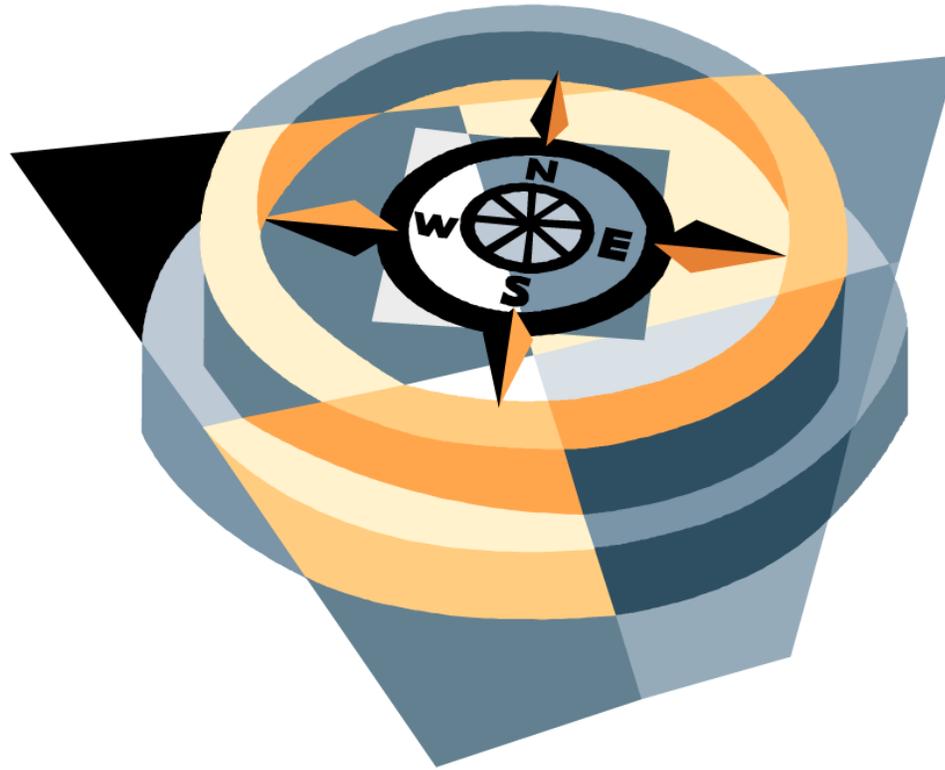
Resources to assess needs of struggling readers

Common features of technology to assist struggling readers

Technology Options including apps, software and hardware



AEM Navigator



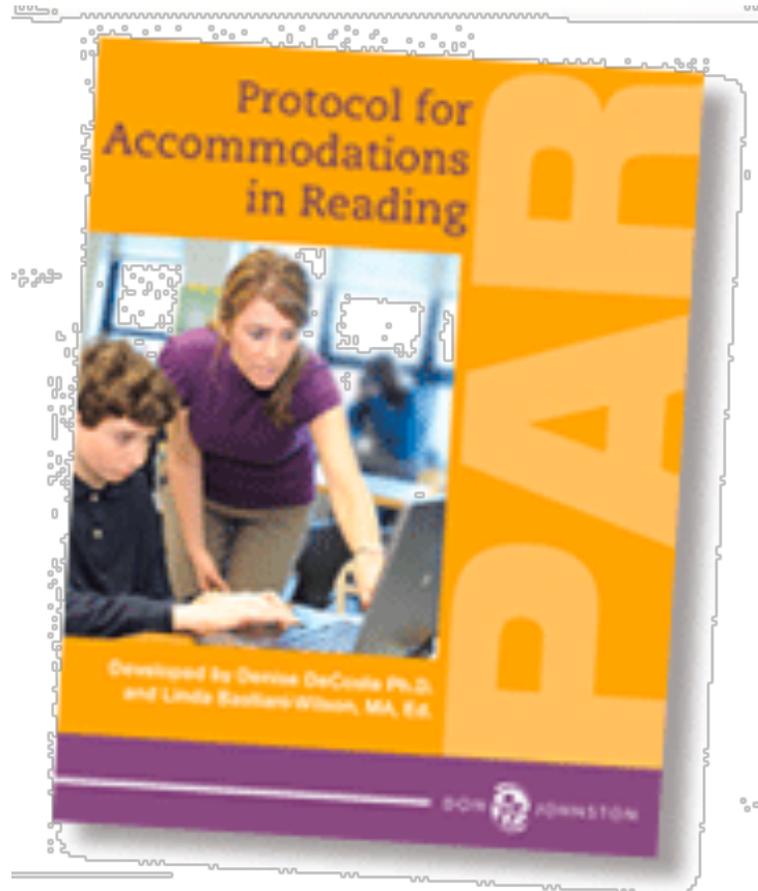
<http://aim.cast.org/navigator/page/>

AIM Explorer



http://aim.cast.org/experience/decision-making_tools/aim_explorer#.VUpWPI5Viko

Protocol for Accommodations in Reading (PAR)



<http://donjohnston.com/par/#.VUpWkY5Viko>

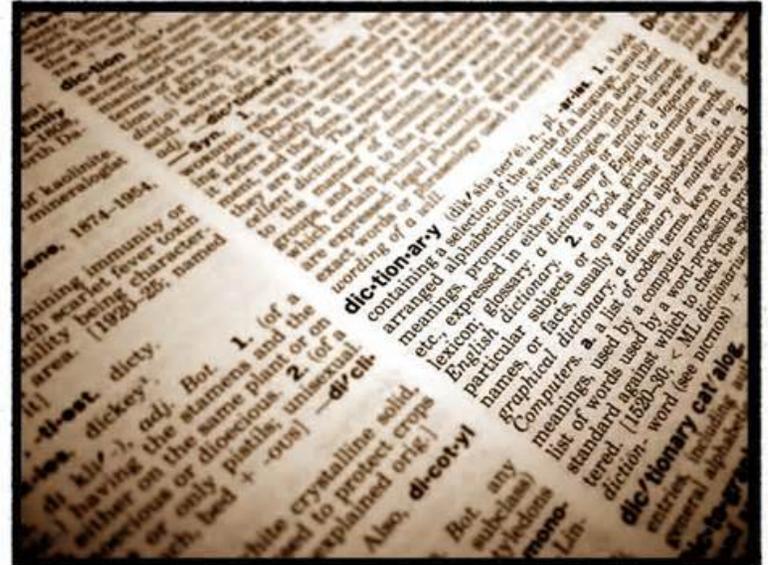
Hardware Solutions

- Computers with **built-in accessibility and software**
- Tablets and smartphones with **built-in accessibility and apps**
- Additional Devices
 - accessible book readers
 - magnifiers
 - refreshable braille displays and notetakers



Useful Features of Technology

- accessible electronic text reader
- text-to-speech
- speech-to-text
- phonetic spell check
- grammar tools
- word prediction
- dictionary/picture dictionary
- vocabulary study guides
- outline builder/graphic organizer



Digital Books



- Bookshare*
- Learning Ally*
- Project Gutenberg
- iBooks for Apple
- Kindle
- Overdrive



*Requires certification of print disability



Reading Books on Computers

- Google Chrome Browser with text-to-speech extension
- Natural Reader
- Free Bookshare Tools:
 - Web Reader
 - READ:OutLoud Bookshare Edition
 - Victor Reader Soft Bookshare Edition



NaturalReader



Accessing Bookshare on iPads, Tablets, and Smartphones

iPads and other iOS devices



Read2Go



Voice Dream Reader*

Android devices



Go Read



Darwin Reader*

*Voice Dream Reader and Darwin Reader will read Bookshare plus additional files

Don Johnston



- Read:OutLoud Bookshare Edition and Read2Go App: provide synthesized speech and other accessibility features to read digital text from Bookshare
- Co:Writer Universal and Co:Writer App: word prediction tool with synthesized speech
- Snap&Read Universal: synthesized speech with optional text- leveling
- SOLO 6: Literacy suite including a text reader, graphic organizer, talking word processor, and word prediction

donjohnston.com

More Don Johnston



- First Author Writing Curriculum: instruction on skills needed for alternate assessments and includes measurement tools and standards-based IEP Goals
- Start-to-Finish CORE Curriculum: comprehensive reading instruction paired with simplified classic works of literature.
- uPAR (Universal Protocol for Accommodations in Reading): tools to determine appropriate reading accommodations e.g. human read-aloud vs. synthetic speech vs. independent reading

donjohnston.com

Texthelp



- Read&Write GOLD for PCs and Macs: floating toolbar with reading, writing, studying, and research support tools
- Read&Write Web Apps: reading, studying, and research tools to access Google Docs, web pages, and Bookshare
- iReadWrite iPad App: tools for struggling readers and writers
- Fluency Tutor: online reading fluency and comprehension software

texthelp.com

Kurzweil



Kurzweil
EDUCATIONAL SYSTEMS

- Kurzweil 3000: stand-alone software, online tools, and web-apps for reading, writing, comprehension, etc...
- Kurzweil 1000: similar to Kurzweil 3000, but optimized for users with visual impairment
- Firefly: flash-based website and iPad app that allows core Kurzweil 3000 functionality

kurzweiledu.com

Additional Resources for Composition

Freeology

graphic organizers,
vocabulary organizer



Freemind

mind-mapping software





Document accommodations in the IEP and use them during daily instruction and assessments!

Request approval from OSDE for any non-standard accommodations the student needs for state assessments.

ABLE Tech Resources for Selecting and Acquiring AT

- [Short-term Device Loan](#)
- [AT Consultations](#)
- [AT Funding Manual](#)
- [AT Support Team Training](#)
- [AEM Information and Assistance](#)



okabletech.okstate.edu

Need Help? Call Us!

Phone

405.744.9748

or

888.885.5588 (v/tty)



okabletech.okstate.edu