Welcome to the Webinar

Remember for sound use a phone and call in using:

1-866-516-5393 and enter pass code: 80927889

- Everyone will be on mute
- For technical support call 952-838-9000 and let them know you need help with the Simon Technology Center webinar











Assistive Technology Training Series (sponsored by a grant from MDE) Tuesday June 2, 2009

AT for Reading, Writing and Math

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Your Presenters

• Your Presenter

- Tara Bakken, Assistive Technology Specialist
- PACER Center's Simon Technology Center



- Meghan Kunz, Assistive Technology Specialist
- PACER Center's Simon Technology Center





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Upcoming Webinars

- Tuesday June 16th 1:00 2:30 CT Building Capacity for Assistive Technology Sponsored by a grant from MDE
- Thursday July 16th 2:00 4:00 CT All About Digital Books By PACER Simon Technology Center



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Registration Information

www.PACER.org/workshops/emails/2009atseries.htm

For information on this Webinar series, please call PACER Center at 952-838-9000.

This series is funded by a grant from the Minnesota Department of Education.

Can't make it to the Webinars? They will all be archived on PACER.org at and will contain links to resource materials relevant to each session

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About this Webinar series

- All webinar trainings will be archived and made available on the PACER website 1 2 weeks following the date of the original training along with support materials at http://www.pacer.org/pacerwebinars/
- Participants from MN that attend 3/4 of the live core trainings will receive a free membership to the STC lending library

Asking Questions & Chat

- Please ask questions at any time!
- Ask questions by typing your question into the "Question" box on the Webinar toolbar and clicking "send."
- For technical assistance, you can "chat" with technical support staff using the chat box on your toolbar or by calling technical support at 952-838-9000 and letting them know you need help with the Simon Technology Center webinar



PACER Center

- Not-for-profit organization
- Serving parents of children with disabilities
- Primarily staffed by parents of children with . disabilities
- Over 30 different programs.



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Simon Technology Center



The STC is dedicated to making the benefits of technology more accessible to children and adults with disabilities, through a collaborated effort involving parents, professionals, and consumers.



STC Services

- Assistive Technology Information and Referral
- · Lending Library
- Free Consultations
- Individualized Trainings
- Workshops and In-services
- SUPER Service



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National Resources

- PACER's referral service is available nationwide 1-952-838-9000
 - www.pacer.org
- **ALLIANCE: Technical** Assistance for Parent Centers
 - Parent center directory
 - Coordinated by PACER Center

http://www.taalliance.org

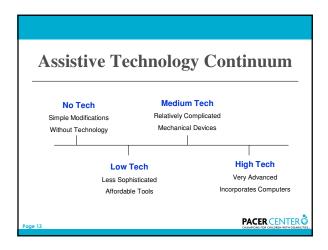
- ATA: The Alliance for Technology Access
 - Directory of ATA Centers http://www.ataccess.org
- FCTD: Family Center on Technology and Disability
 - Information and services on assistive and instructional technologies
 - Family Center's Member Database (database of organizations nationwide)

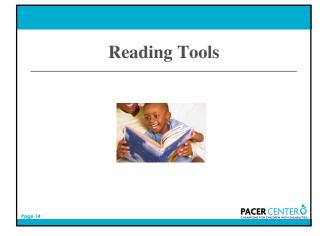
www.fctd.info



What to Expect

- Fast-paced introduction to many products for reading, writing, & math
- For further information or instruction on individual programs & devices you may:
 - Set-up a free consultation
 - Come in to library during open hours to try
 - Set-up an individual training \$50/hr
 - Check vendor website for free trial demo





Low Tech Reading Tools

- Colored Overlays
- Page holder
- Reading Helper
- Highlighter tape
- Book holder
- Highlighter
- Magnifying Bar Pocket Magnifier
- LightWedge
- Hefty Tabs



Resources:

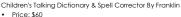
- www.onionmountaintech.com www.integrationscatalog.com
- www.seeitright.com www.irlen.com



Handheld Dictionaries & Spellers Medium Tech

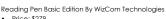


Speaking dictionaries offer auditory and visual supports for improving vocabulary, reading comprehension, and writing.





- Features: Over 40,000 definitions, automatic phonetic spell correction, an animated handwriting guide, a rhyme finder, and five word-building games www.franklin.com



Price: \$279

Features: Scans single words or full lines of text. Includes English dictionary, thesaurus, and English-Spanish dictionary. Left- or right-handed use.



E-text vs. Audio Files



- Digital Electronic Text
 - Visible text on screen
 - Can be converted into audio file
 - Read out loud with text to speech programs
 - Commonly referred to as F-books



- Digital Audio Files
 - No text available
 - Played with audio players
 - Example: books on CD, MP3 formatted audio books



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Where to Find E-Books

- On the Internet
 - Project Gutenberg; www.gutenberg.net
 - Over 27,000 free e-books
 - Open Library; http://openlibrary.org Over one million books with full text
 - NetLibrary; www.netlibrary.org

Over 170,000 materials
 See the Resources for Digital Literature handout
 See the Resources for Digital Literature handout
 See the Resources for Digital Literature handouts

Scan the print book into the computer using a scanner.







E-Books for Students with Print Disabilities

Bookshare.org

- Must have a certified print disability
- Books are current and many under copyright
- Many textbooks and other instructional materials are available
- Available in the DAISY format
- Membership is free to U.S. Students with qualifying disability
- Organizational, school, and individual memberships available
- Membership includes free book playing software that reads the text out loud: VictorReader Soft and READ:OutLoud

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DAISY Format

- DAISY: Digital Accessible Information System
- Allows navigation access of a digital book similar to a printed book
- Place bookmarks
- Navigate by page number
- Navigate by chapter
- Navigate by section



Page 2



Software for Playing E-Books on Your Computer

• Text-to-Speech Programs:

- Speak e-text out loud using computer voice
- Scan & Read Programs:
 - Convert printed text into digital text using scanner, scanning software.
 - These programs also "read aloud the text and offer additional study aids











Text-to-Speech Programs

In general:

- Read out loud most documents, email, and Internet pages
- Convert text to audio files
- Generally affordable
 - Free to under \$100
- Don't have ability to scan print books

Examples:

- TextAloud; (\$30-150+) http://www.nextup.com
- Natural Reader; (\$50-300) http://www.naturalreaders.com
- Read Please; (Free) http://www.readplease.com
- Victor Reader Soft; www.humanware.com
- Read:OutLoud; (\$299) www.donjohnston.com

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Text-to-Speech Program for Mac:ConvenienceWare Ghost Reader

- Mac only text reader
- Listen to text in language of choice
- Export iTunes
 - Convert electronic text to an audio file
- \$39.95 (one language)
- High quality voices
- Text highlighting
- Point and read feature
- www.assistiveware.com



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Scan and Read Software Programs

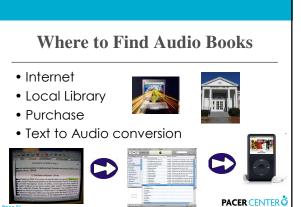
In general:

- Scan print materials into the program
- Read most any e-text format
- Usually Include study tools highlighting, voice notes, sticky notes, bookmarking, annotation extraction, talking dictionary and spell check, graphic organizers, homonym support, etc.
- Include talking word processor and word prediction
- General cost between \$300-1500



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Scan and Read Programs Scan and Read Pro; (\$150 – Windows only) WYNN Wizard; (\$995 -Windows only) www.readingmadeez.co m/home.html Freedom ClaroRead; (\$195- claro \$395) www.enablemart.com Kurzweil 3000; (\$1,495) Read & Write Gold; Kurzweil EDUCATIONAL SYST (\$645) www.texthelp.com



Audio Books from the Internet

- www.librivox.org (FREE)
 - downloadable mp3 or ogg files.
- www.podiobooks.com (FREE)
 - Audio books delivered to your podcatcher
- www.audible.com (Subscription fee)
 - Over 50,000 titles available for down load
 - www.amazon.com (fee)
- Over 670,000 Titles in CD, MP3, downloadable formats

Audiobooks and Podcasts

- iTunes (fee)

*See the Resources for Digital Literature handout



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RFB&D Membership

- · Person must have certified print disability
- Individual or institutional memberships available
- Different membership levels/costs
- Daisy audio books on CD or downloadable
- Many textbooks available
- For more information contact:



Membership Services: 800-221-4792

Website: www.rfbd.org

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Portable Players



Amazon Kindle 2; (\$359)

www.amazon.com/Kindle

- Supports e-text or audio book files from Amazon

 Text to speech enabled if publisher allows it

- Does not support Daisy format

Mp3 player (\$25-\$400)

Does not support Daisy format

iPod (\$50-\$400)

Does not support Daisy format



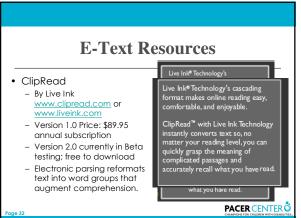
Start-To-Finish Books

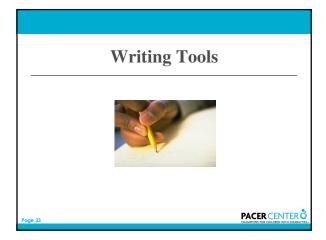
- Computer books with highlighted text accompanied by human narration
- Topics appropriate for elementary, middle school and older readers reading below grade level
- Literacy Starters, Gold & Blue levels
- Blue level has fluency reading practice

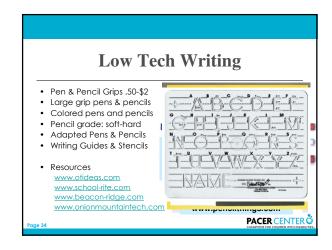
 Price: \$70/book or \$139/book for Literacy Starters
 Vendor: Don Johnston,

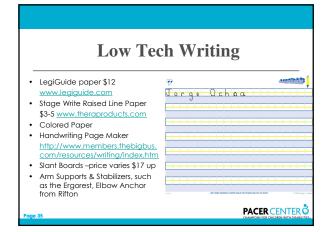


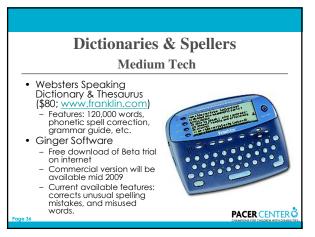
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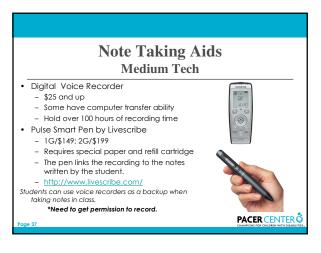






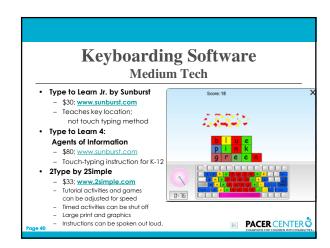


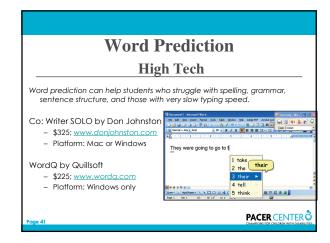


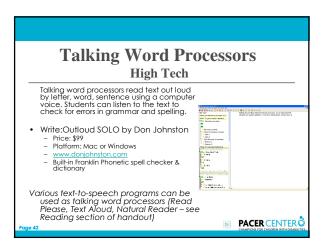


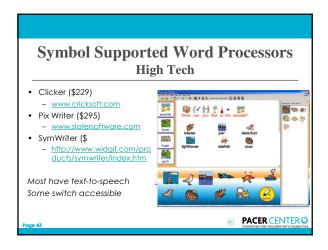


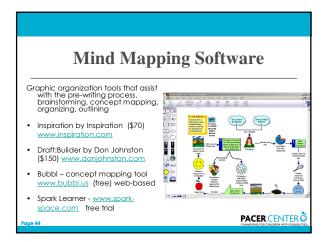














Speech recognition software converts spoken word into text. Can help students who struggle with written expression.

Dragon NaturallySpeaking

- Price: \$100-1000
- Platform: Windows
- Preferred vs. Professional www.nuance.com

MacSpeech Dictate

- Price: \$199 Platform: Mac
- Powered by Dragon's Speech engine.

w.macspeech.com

SpeakQ by Quillsoft

- Price: \$350 w/ WordQ 2 Platform: Windows
- www.wordq.com

VISTA OS Speech Recognition
• Free with VISTA

- Found in Control Panel





Computer-based Worksheets & Tests

These programs enable students to fill out worksheets and take tests on the computer.

- TestTalker by Freedom Scientific
 - \$399; <u>www.freedomscientific.com</u>
 - Offers AT&T speech synthesizer. Supports True/False, Multiple Choice, Fill-in, and Extended Answer.
- Kurzweil 3000 by Kurzweil
 - \$1500; www.kurzweiledu.com
 - Offer fill in the blank features. High lighters for identifying answer, text-to-speech.

Scanning & Form Filling Software

- Foxit Reader 3.0

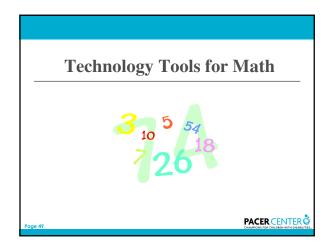
 - Foxit Free-\$30; www.foxitsoftware.com
 PDF reader with text, highlight and notes tools available in free
 - Foxit PDF Editor (\$99)
- Nuance Imaging Software; <u>www.nuance.com</u> OmniPage 17 (\$140-500)

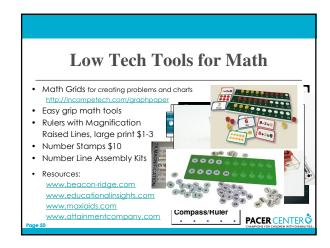
 - Scan and convert documents and files
 PaperPort 11; (\$99-199)
 Allows form filling in PDF files
 Convert PDF files to text files; does not maintain original formatting PDF Converter 5; (\$49-99)
 - Convert PDF files into Microsoft Office documents
- FormPilot for Mac
 - \$20-90; http://www.colorpilot.com/formmac.html
 Allows form filling in PDF files

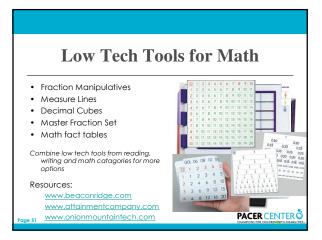


Online Writing Resources

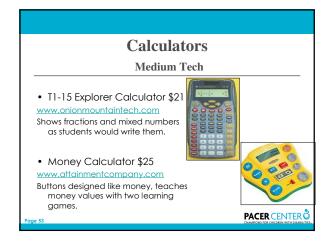
- Writing Fix interactive writing prompts
 - www.writingfix.com
- Read, Write & Think
 - www.readwritethink.org
- Lee's Summit Technology Integration - http://its.leesummit.k12.mo.us/writing.htm
- Online Keyboarding Practice
 - http://its.leesummit.k12.mo.us/keyboarding.htm

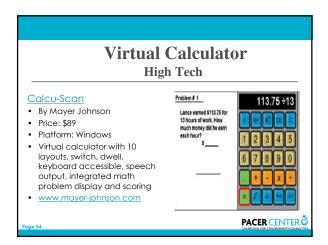


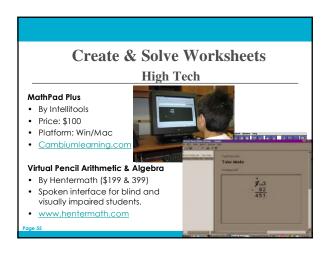


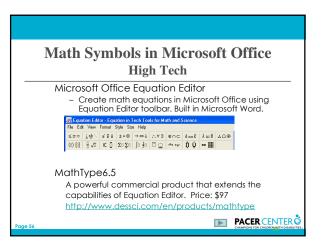


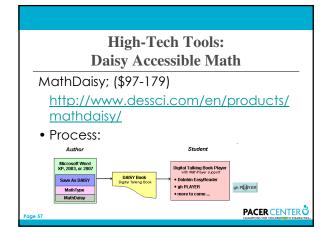


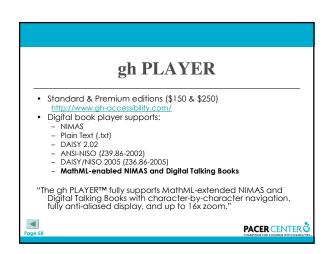


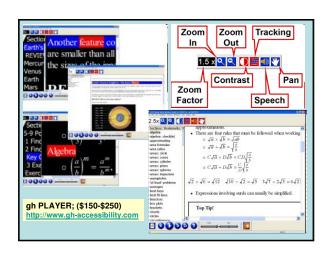


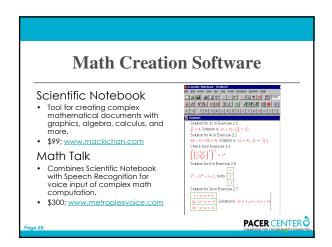


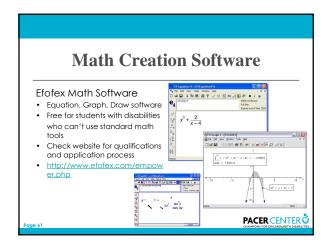












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 - tara.bakken@pacer.org
- Simon Technology Center stc@pacer.org

www.pacer.org/stc

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Thank You for Coming

- This webinar will be archived (saved and posted on the website http://www.pacer.org/pacerwebinars/; file is too large to send via email)
- Please take a minute to fill out the evaluation at the conclusion of the webinar; it will appear automatically when you exit the Webinar We appreciate it!

Have a wonderful day!

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