THE POWER OF ASSISTIVE TECHNOLOGY

Equal access for all learners

Various modalities of learning

Multiple means to be successful
Individuals with Disabilities Education Act (IDEA) of 2004

Defines an Assistive Technology Device as, “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 the functional capabilities of students with disabilities.”
- Handheld magnifiers
- Large Print text
- Specialized pens\pencils
- Stress-balls\Fidget spinners
- Highlighters
- Post-its
- Note-takers

- Spell checkers
- Word prediction
- Electronic Organizers
- Closed Caption Televisions (CCTV’s)
- Alternate mouse or keyboards
- E-books
- Digital recorders

- Computer/laptops
- Tablets/smartphones
- Magnification software
- Voice recognition- speech to text
- Audio note-takers
- Speech output devices
“For people without disabilities, technology makes things easier. For people with disabilities, technology makes things possible.”

- IBM Manual
The world's largest online library of accessible ebooks for people with print disabilities

- Educational and popular titles
- Various formats
  - Daisy with/without Images
  - Audio
  - BRF
  - EPUB

Learning Disabilities
Visual Impairments
Physical Disabilities
Library of educational accessible **audiobooks** for people who cannot effectively read standard print

**Who Qualifies?**
- Learning Differences such as Dyslexia or Reading Disorder
  - Visual Impairments
  - Physical Disabilities that affect motor functions

**Who Doesn’t Qualify?**
- Autism spectrum disorders
  - ADD, ADHD
- Developmental Disability
  - Hearing Impairment
- ESL

*If a specialist can verify that an accompanying qualifies disability exist, then membership can be made available*
Screen readers enable people with vision loss to independently use a computer with a keyboard, speech, or Braille display. With screen readers, you can navigate the Internet, write a document, create spreadsheets and presentations, email correspondence, and much more from your office, remote desktop, terminal servers, and from home.
Inspiration Maps

Brainstorm by building webs or diagrams

Tap to convert
✓ Diagram to Outline
✓ Outline to Diagram

http://www.inspiration.com/inspmaps
Livescribe Smartpen

- Capture words, audio, scribbles, symbols and diagrams and syncs everything you write to what is said.
- Tap anywhere on your notes to play back what was said at that exact moment in time - as many times as you need to hear it.
- Slow down, speed up and control your volume with your playback controls.
- Transfer all your notes and recordings to a Mac or PC to search for key phrases, and better organize your notes.
- Take your notes everywhere you go by accessing them from your iOS or Android device.
Sonocent Audio Notetaker
Dragon Naturally Speaking

- Dictation software in which students can dictate a paper rather than typing it.
- Dictates everything you say into a microphone.
- Has the ability to work with Word Docs, Excel, spreadsheets, the internet and your computer.
- Addresses learning differences, physical disabilities and other challenges.
Applications for Student Success
Deaf and Hard of Hearing Services

- Sign Language Interpretation
- Real-Time Captioning
- Captioned Videos/Media in Classroom
- FM Systems
1. AT EVALUATION-Based on accommodations
2. ONE-ON-ONE TRAINING
3. CONSULTATION! IS IT WORKING?
For an AT evaluation and/or consultation book an appointment with Mayra
  • Clockwork
  • MayraDRC@fhda.edu
  • (650) 949-7039

• Or stop by the Computer Access Center