Ogden Resource Center Assistive Tech Webinar

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# Learning management systems

* Google Classroom
* Canvas
* SeeSaw
* Schoology
* Ingenuity
* Others

# Learning MANAGEMENT Concerns Part 1

* Students asked to drag slides and images
* Students asked to describe an image
* No alt+text
* Videos are not described
* Documents are not accessible
* Most apps that teachers use with LMS are not accessible

# Typing Club

* Working well under COVID
* Accessible for blind, low vision, physically handicapped, dyslexia, hard of hearing and deaf
* TVI’s can monitor the student’s progress on Typing Club
* Typing Club works well with a Chromebook with totally blind students, Typing Club is a self-voicing program, it will turn off and on ChromeVox as needed

# Desmos Math Tools

* The Desmos Math calculators are very accessible.
* Nemeth Code
* Set Braille to 8 dot computer code
* Windows & Chromebook

# Nemeth Resources

* Accessible Interactive Math with Desmos
<https://library.tsbvi.edu/Play/19640>
Recorded webinar and handout; Desmos also included this webinar on their website
* Pearson Nemeth Curriculum
<https://accessibility.pearson.com/resources/nemeth-curriculum/>
Graded curricula materials, Nemeth Symbol Library
* Nemeth Braille Courses from TSBVI
<https://www.tsbvi.edu/course-listing>
* Nemeth Tutorial
<https://nemeth.aphtech.org/>
* Nemeth Reference Sheets
<https://www.nbp.org/ic/nbp/NEMETH.html>

# APH Mantis Q40 Braille Display

* QWERTY keyboard, 40 cell Braille display
* Thumb keys: Previous, Left, Home, Right, Next
* Pressing Home will exit out of Terminal
* Pressing any routing key activates a Control, then sometimes press the Next key
* For example, to Power Off the unit, when the display says Editor press a P, the unit will say “Power Off,” press a Routing Key, the unit will say “Shut Down,” press the Next button, the unit will say “OK,” press a Routing Key.

# APH Mantis Q40 Braille Display

* Plug the device into a computer while in Editor and the device will become
an external drive.
* Editor
* Terminal
* Library
* File Manager
* Calculator
* Date and Time

# APH Mantis Q40 Braille Display

* Settings
* Online Services
* User Guide
* Power Off

# APH Mantis Q40 Braille Display

* Works awesome with JAWS on USB connections
* Firmware upgrade 1.1 stopped the APH Mantis Q40 Braille display from working with Chromebooks, downgrade file available on request
* Chromebooks; Keyboard Settings, change Caps Lock to Search
* The connection is now in Bluetooth, not VoiceOver, it is a different process connecting the device on an iPad
* Accessing word prediction with iA Writer on an iPad

# WSSB Statewide Technology Web Page

* Training manuals on JAWS, Duxbury, iPad, and Chromebook
* List of Accessible iPad Apps
* Downloads: Desmos Math Tools, APH Mantis Q40 Braille Display, etc.

# Switch Access Devices Part 1

* Tactualize the switches, but maybe not great during COVID
* USB devices can be installed on the Chromebook if they do not require drivers.
* Simple Switch USB: Two Ports. Left and Right Click or Space and Enter
* AbleNet Blue2 Bluetooth: Two Ports. Unit has 6 modes, 3 of the modes can be configured by plugging in a USB keyboard
* ATEC Computer Switch Interface USB: Like the old Don Johnson switch interface. Has 5 ports each can be easily assigned 5 different options, easy, but somewhat limited device

# Switch Interfaces Part 2

* Pretorian Switch Interface USB: Three Ports. Each port can have 22 individually assigned options
* Switch2Scan Bluetooth: Four Ports. Has VoiceOver option. Older switch interface
* APPlicator Bluetooth: Four Ports. Each port can have 22 individually assigned options. Current device.
* Others