“Assistive Technology (AT) Playground”

AAPAC/SISS Monthly Meeting
Tappan Middle School
Media Center
7PM-8:30 PM

Monday, April 9, 2018

Presented by the SISS Assistive Technology Team:
Nancy Brown, Raleigh Sadlier, Makia Alexander
Margaret Bouwkamp, Darcy Lees
Agenda

• Newsletter
  I. Destiny
  II. Help Desk
  III. Website-Parent Page
  IV. Assistive Technology Decision-Making Process (ATDMP)
  V. Inventory List

• Demonstrations: CoWriter and Snap & Read Universal, Bookshare, Built-In Accessibility Features, Color Technology

• Q & A (10 min)

• Technology Playground Pod (3 Pods, 10 minute rotations)

• Wrap-up
Assistive Technology Decision Making Process (ATDMP)

- Assistive technology is considered annually at each student’s Individual Education Plan meeting. “Is assistive technology necessary to provide access to curriculum and support the student’s IEP goals and objectives?”

- When considering new tools and strategies or when the IEP team requires assistance determining solutions an Assistive Technology Decision Making Process/Plan (ATDMP) and meeting may be necessary.

- IEP team can request support for assistive technology at any point by submitting a “Help Ticket”.
# Assistive Technology Decision Making Process (ATDMP)

## Part 1: Beginning the Process

<table>
<thead>
<tr>
<th>Student Name</th>
<th>Student ID</th>
<th>AT Meeting Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Address</td>
<td>City</td>
<td>State</td>
</tr>
<tr>
<td>ZIP</td>
<td>Telephone</td>
<td>School/Grade</td>
</tr>
<tr>
<td>Eligibility</td>
<td>Birth Date</td>
<td>Person Making Referral</td>
</tr>
</tbody>
</table>

Eligibility (Check all that apply):  
- ☐ IEP:  
- ☐ Section 504:  
- ☐ Title 2 (ADA):  

Check those present for AT meeting:  
- ☐ Case Manager  
- ☐ Parent/Guardian  
- ☐ Teacher  
- ☐ VI Consultant  
- ☐ OT  
- ☐ PT  
- ☐ SLP  
- ☐ Psychologist  
- ☐ Social worker  
- ☐ Administrator  
- ☐ AT Consultant  
- ☐ Others  

Relevant Medical/Physical/Behavioral Considerations:  

Referred Question: What task(s) does the student need to do that is currently difficult or impossible, and for which assistive technology may be an option?

Based on the referral question, select areas of concern and check all areas that apply.  
- ☐ Reading  
- ☐ Motor Aspects of Writing  
- ☐ Computer/Keyboard Access  
- ☐ Math  
- ☐ Organization  
- ☐ Communication  
- ☐ Vision  
- ☐ Mobility  
- ☐ Positioning and Seating  
- ☐ Composing Written Material  
- ☐ Activities of Daily Living (ADL)  
- ☐ Recreation and Leisure  
- ☐ Environmental  
- ☐ Other: _____________  

Notes:
CoWriter and CoWriter Universal– Word Prediction
A study tool for students who struggle with writing
CoWriter and CoWriter Universal

Word Prediction

Writing comes from the human desire to communicate — to take an idea and express it in words. But for some students, the words don’t come out right. There’s a wall between the idea and writing it out. Grammar and spelling get in the way. Word recall is a barrier. This is where Co:Writer comes in. It breaks down that wall between the idea and the words to express the idea.

Co:Writer helps students turn this:...into this:

I have a dog. It’s name is Rosie. It’s brown. It plays with me. It eats a lot. I like it and my family likes it too.

Spelling errors reduced from 13 to 0
Punctuation errors reduced from 8 to 1
Capitalization errors reduced from 0 to 0
Note incorrect use of apostrophe

https://vimeo.com/104430354
Snap & Read

Each student learns a bit differently. Their reading needs are as unique to them as their fingerprints. Snap & Read gives them powerful tools covering the widest range of needs—supporting comprehension across the curriculum. It works across websites, Google Drive, email, Kindle books, Bookshare, PDFs and more.
Snap & Read

Works With...

Bookshare

- An accessible online library for people with print disabilities
- Bookshare offers the largest selection of accessible online titles
- The books are “accessible which means you can read books many different ways
How can you read Bookshare books?

- Listen to books with high quality text to speech
- Hear and see highlighted words on screen
- Read with digital braille or large font
- Read directly from your internet browser

https://www.youtube.com/watch?v=S71aGLLaYuc
Laptop: Dictation and Built In Accessibility Features

Move the cursor to the Apple icon in the upper lefthand corner: Drop down to ‘System Preferences’

Under ‘System’, choose ‘Dictation and Speech’:

First, turn ‘Dictation’ ON:
Laptop: Dictation and Built In Accessibility Features

Then activate the Shortcut: the 4th option: ‘Press Either Command Key Twice’:

Next, open a word processing application, make sure your speaker volume is at least half way up and speak towards the camera/microphone (middle top of your computer screen).

Remember to speak slowly and clearly. Also, speak all punctuation (comma, colon, semi-colon, period, exclamation or question mark).
Use the keypad to make minor editing or highlight an error that is a series of words, hit either command key twice to re-record the correct words. If this does not work, use the keyboard-the computer is not as smart as our human brains afterall!!
iPad Accessibility Features

Tap Settings> General> Accessibility to find settings for the following features:

• Learning: Guided Access
• Vision: e.g. VoiceOver, Speak Selection, Speak Screen, Zoom
• Hearing and Media
• Interaction: e.g. Assistive Touch, Switch Control
• Other built-in supports include:
  – Safari Reader which can reduce “visual clutter”
  – Dictation using the microphone button on the keyboard
The Technology of Color
The Assistive Technology Playground

Interactive Displays and iPads
Interactive White Boards...Interactive Classrooms
Recordable Pens

The ECHO Pen from Livescribe

The Echo Pen is great for taking outline notes.

Record and play back lectures to accommodate notetaking challenges.
Text-to-Speech with Built-in Supports

Kurzweil 3000 supports:

- Phonemic Awareness and Phonics
- Fluency
- Comprehension
- Writing
- Vocabulary
- Test-taking

The simple one-button toolbar that reads any text on-screen as it floats over any application.

http://donjohnston.com/snap-read/#.VOti1RY6nEI
Dyslexia Font Extension

OpenDyslexic

Free, OpenSource Dyslexia Typeface

OpenDyslexic is a new open source font created to increase readability for readers with dyslexia. The typeface includes regular, bold, italic, and bold-italic styles. It is being updated continually and improved based on input from dyslexic users. OpenDyslexic is free for Commercial and Personal use.

Download Now!

http://opendyslexic.org
What else is TRENDING?
Organizational and Adaptive Tools
It’s been our pleasure...

“AAPAC PARENTS!”