S.M.A.R.T Technologies for Students who are Deaf with Disabilities

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INTRODUCTION

- Teachers report that using tablets equipped with educational apps have helped their students in various developmental domains such as: academic, language and communication, organization, social-emotional, and behavioral.

- Guardino, Cannon, & Silverman (October, 2017) presented a seminar on Free & Low Cost Technology Resources at Pacific Rim International Conference on Disability and Diversity in Honolulu, Hawaii.

- Guardino (2018) conducted a keynote presentation at the Florida Educators of Students who are Deaf and Hard of Hearing (FEDHH) Conference. During the presentation, teachers of the d/Deaf & Hard of Hearing (TODHH) identified strategies they use students who are Deaf with Disabilities (DWD).

- This poster is a combination of:
  1. The apps that were most highly reported by TODHH who work with DWDs
  2. The seminar resources that may meet the needs reported by teachers and service providers who work with DWDs

- All resources can be incorporated into the classroom using the S.M.A.R.T acronym:
  - **Specific**-why is this app helpful?
  - **Measurable**-how will data be collected using the app?
  - **Attainable**-how much does the app cost?
  - **Relevant**-why is this app useful for the learner(s)?
  - **Time Bound**-How often will you check to determine the usefulness of the app?

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Academic Content

GoNoodle

Cost: Free
Platform: Apple, Google Play & Website

- GoNoodle is a program that supplements activities inside of the classroom in a variety of different domains. For example, the app encourages students to get up and move and interact with the videos that are being shown.

- The videos on GoNoodle are categized by themes such as curriculum, school life, social-emotional learning, sensory & motor skills, and mindfulness. All videos are captioned and have colorful text to support the audio message of the lesson.

Your Resource Here

Skitch

Cost: Free
Platform: Apple & Website Download

- Skitch is an application that allows users to annotate, markup, and drawl on their work or picture after it is downloaded with the app.

- Teachers may use Skitch to have students diagram parts of speech, solve math problems, and even create entries for a visual dictionary.

- Skitch can be personalized by using a variety of buttons to add different colors, shapes, text, and arrows to draw attention to parts of user's work.

Language & Communication

Do2Learn

Cost: Free
Platform: Website

- Do2Learn is designed to be a teachers toolbox and has a variety of resources. This website is specifically designed for individuals with disabilities.

- One of the resources is a Picture Exchange Communication System (PECS), with free downloadable communication cards.

- Do2Learn also has a section developed on how to promote language with students; in addition to other academic, social, and behavioral resources.

Your Resource Here

Sign2TXT

Cost: $5.99
Platform: iPad

- Sign2TXT utilizes American Sign Language (ASL) signs in a format similar to the PECS symbols. The app is part of the HandCraftEdASL Series by Angie Craft.

- This app also allows students to search for signs using handshapes, especially helpful for those who do not have strong spelling skills.

- Sign2TXT also allows students to use the ASL alphabet on the qwerty board to fingerspell words that are then presented in written English.

Organization & Planning

OneNote

Cost: Free
Platform: Apple, Google Play, & Website

- OneNote is a one stop platform to create interactive notebooks, supplemental materials, and organize your classroom.

- OneNote allows for integration of Word, PowerPoint, & Excel into a singular platform as well as integration of emails and notes into a singular place.

- The software allows for students to access their notebooks at home without worrying about returning or losing homework.

Your Resource Here

Visual Timers by SinSoft

Cost: Free
Platform: Apple

- Visual Timers is a timer represented visually. The app allows the user to set 6 different timers, each with a different name and time.

- This may help teachers to work on balancing everything that they need to get done.

- Great tool to use when trying to track behaviors for IEP or Behavior Plan data as you can be tracking up to 6 different behaviors at one time.

Social-Emotional Development

Class Dojo

Cost: Free
Platform: Apple, Google Play & Website

- Class Dojo is an interactive learning platform that can be used to communicate with family members, sharing classroom events and behaviors.

- Class Dojo offers an open line of communication between the teacher and the families of the students inside the classroom.

- Class Dojo is also a behavior management system where students earn points for completing work, homework, collaborating with peers, etc.

Your Resource Here

Social Stories Creator & Library

Cost: Free, in app purchases
Platform: iPad Only

- Social Stories Creator & Library is an app that allows you to create your own social stories. You can also search for social stories that have been previously created.

- The free version is limited. Users can create their own social stories and access one free social story of how to appropriately use of devices.

- Social Story range in price from $0.99 to $2.99.