

Summary of Assistive Technology in a Preschool Classroom:

Assistive technology in the classroom supports children's learning, helps track progress of IEP goals, and provide students with language and hearing impairments a way to communicate and interact with their peers (Clare, 2020).

3 Current Assistive Technology Trends:



Smartboards

- Provide pictures and sounds to engage visual and auditory learners
- Instructor can use Smartboard settings to individualized instruction (Vernadakis, Avgerinos, Tsitskari, et al., 2005).



Nearpod

- Games and assessment tools can be tailored to each student's learning need.
- Nearpod can be used at home as well as in the classroom to enhance math and literacy skills.



Green Screen Effects

- Green screen games are interactive and adaptable to meet individual student goals (Heiskell, 2021).
- Green screen games and activities can be used in the classroom using a smartboard or children can play independently on their iPad.

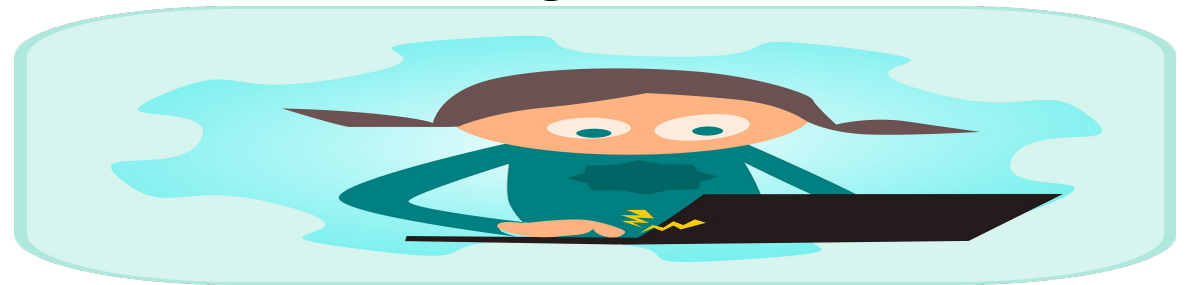
Assistive Technology in the Classroom

Advantages in using AT in the classroom:

- Provide students with needed practice of targeted skills (Hughes & Roblyer, 2023).
- Support students that need auditory and/or visual stimulation.
- Assistive technology supports students in a general education setting, since they can access the information being taught in their AT devices.

Disadvantages of using AT in the classroom:

- Assistive Technology could potentially become distractions if students, especially elementary students are not supervised.
- Assistive technology tools requires that instructors as well as parents learn how to adapt the device to the needs of the student; which is time consuming.



Reference

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