

“Tech Me Up Before You Go Go” Assistive Technology in the IEP

Jason Julian

*Assistive Technology Resource Centers of Hawaii
Assistive Technology Specialist*

Dr. Tierney Barcarse

*Hilo-Wāiakea Complex
Special Education District Educational Specialist*



What is Assistive Technology (AT)?

- “Any item, piece of equipment, software program, or product system that is used to increase, maintain, or improve the functional capabilities of persons with disabilities.”
- AT can be low, medium, or high tech
 - [What is AT?](#)

AT for Low Vision

Portable/Desktop Video Magnifiers



Reading AT for Low Vision or Dyslexia

- Rayban Meta glasses
- Orcam read 3
- C-pen



AT for Hard of Hearing

Hearing Amplifiers
FM systems
Bed shaker Alarm clocks



AT for Speech: Augmentative Alternative Communication devices (AAC)

LAMP & Proloquo2go (apps)

Dedicated Devices:

TobiiDynavox & PRC-Saltillo
Gotalk



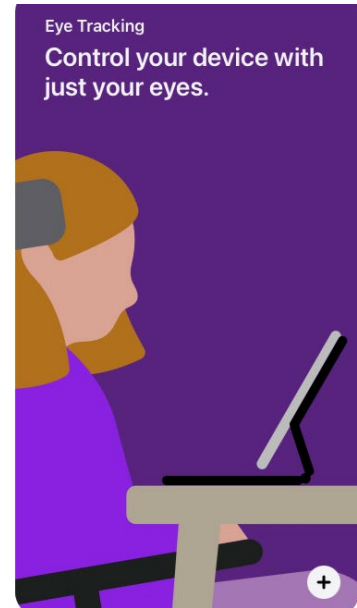
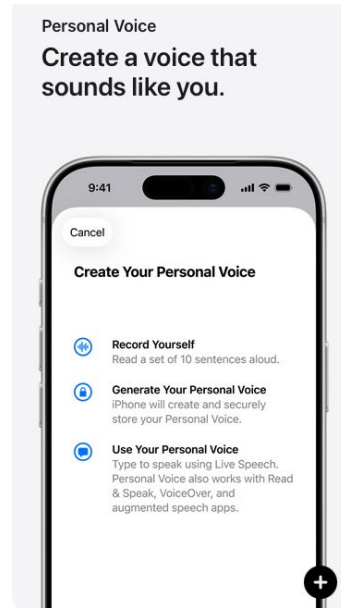
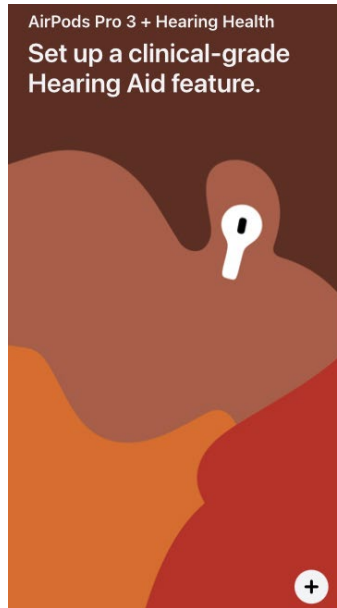
<https://www.youtube.com/watch?v=d3zKPHLk6-Q&t=40s>

Built -in Accessibility

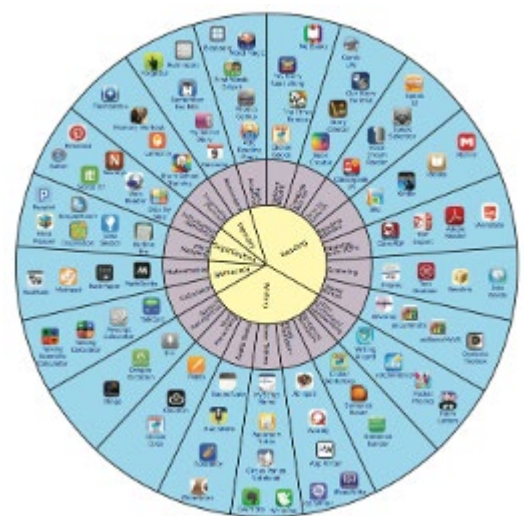
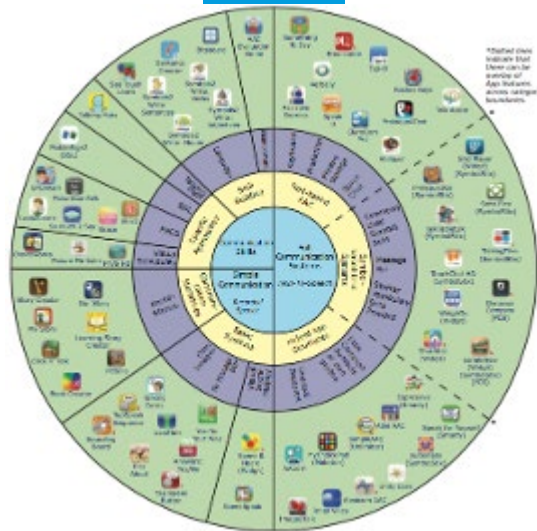
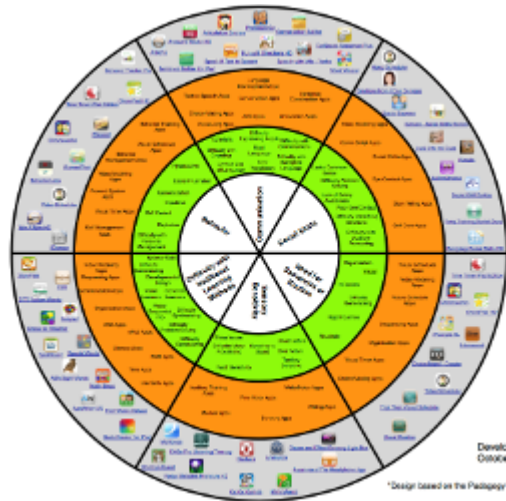
Computers

tablets

Smartphones



Learning Software





2. Obligation of the Department

20 minutes

- During an IEP Meeting
- AT functional Assessment- importance of trialing
- Use in the home and school



Is AT Needed?

- Can the student access learning and participate in their education program?

Consideration of Assistive Technology

Requirement:

Each time an IEP Team develops, reviews, or revises a child's IEP, the IEP Team must consider whether the child requires assistive technology devices and assistive technology services.

AT Devices

- Augmentative and Alternative Communication (AAC)
- Reading and Literacy Aids
- Writing Aids
- Math Aids
- Cognitive Aids

AT Services

- Training the student
- Training the Family

AT trial results and recommendations

- Trials can take a few weeks, be patient

Provision of Services

- If the data demonstrates that the student needs an AT device(s) and AT services then it is documented in the IEP and PWN.
- The department provides the needed AT device(s) and AT service at no cost to the parents. If appropriate, the AT can be provided in the home.



Assistive Technology Functional Evaluation

An **ongoing process of considering** assistive technology interventions, which is conducted in the **child's customary learning environment** by a team of people knowledgeable about the child, and is relevant to the provision of a free appropriate public education (FAPE). An assistive technology **functional evaluation may include** the following:

1. Trial period of the assistive technology intervention
2. Documentation of the effectiveness of the AT intervention
3. Determination of the necessity of an AT intervention.



IEP: *Consider* whether the child requires AT

(34 C.F.R. Section 300.324 (a)(2)(v); §8-6048 (2)(E))

Consideration does not imply a **mandate** for the actual provision of an assistive technology device and/or service; however, **teams must address the student's performance in relation to the curriculum and specially designed goals and objectives** .

*If a student is functioning at expected performance levels without AT interventions, the conclusion that **AT is not needed at this time can be easily made.***

Thanks!

Does anyone have any questions?

Dr. Tierny Barcarse
Special Education District Educational Specialist
Ph:(808) 313-6600

Jason Julian – AT Specialist
Assistive Technology Resource Centers of Hawaii

Ph: 808-532-7111
Email: jason@atrc.org