

Assistive Technology Tools to Support Neurodivergent Youth and Adults

What is Assistive Technology (AT)?

Any technology with the potential to enhance the performance of persons with accessibility needs. In the academic setting, Assistive Technology, including hardware and software /apps, is designed to improve functional capabilities for students, creating equity and inclusion.

Common Roadblocks

"Catch-All" **Approach**

Students are frequently provided with hardware, software, or apps as generalized assistive technology solutions, but without proper training on how to use these tools effectively for their individual needs.

Assistive Technology "Burnout"

Assistive technology burnout happens when students become frustrated or overwhelmed by using technology that's meant to help them but lack proper guidance or training. Without support, they struggle to make the technology work for their specific needs.

Good for the Classroom, **But Not for Accessibility**

Devices like Chromebooks may be useful in the classroom, but may also fall short in meeting specific accessibility needs.

Assistive Technology Can Support:

- ORGANIZATION OF SCHOOLWORK
- PLANNING, ORGANIZATION, TIME MANAGEMENT
- COMPLETING DAILY TASKS
- NOTE TAKING
- WRITTEN EXPRESSION/LANGUAGE
- **SPELLING**
- FOCUS AND ATTENTION

- READ-TO-LEARN TASKS
- FUNCTIONAL READING TASKS
- ANNOTATION AND STUDYING
- RESEARCH COLLECTING AND STORING INFORMATION
- TESTS AND EXAMS
- MEMORY AIDS
- MATH SUPPORTS



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Apps & Tools

Note: Not all Assistive Technology Tools are available on a given device or across all supportive apps.

Text-to-Speech/ Speech-to-Text

Notability

- GoodNotes
- Natural Reader
- Speechify
- Google Read and Write

Brainstorming, organizing & Templates

- Inspiration
- Mindomo
- Notability

Audio Recording & Audio Books

- Notability
- Audible
- PDF Expert
- Libby/Overdrive
- Easy Reader

Calendars & Reminders

- Brilli
- Awesome Calendar
- Notion (\$)
- Motion (\$)



Digitizing /Scanning documents

- Prizmo Scan (OCR) for Textto-Speech
- Notability if Text-to-Speech is not needed

Word Predictiong/Spelling

- WordQ or iWordQ
- Grammarly

Supporting Use of Assistive Technology

It is important to assess support needs of the student first before recommending assistive technology tools to accommodate their accessibility needs.

It's essential that students receive proper training on how to use these devices and software to maximize their effectiveness.

Learn more about how SLP4ALL can help!

