

ASSISTIVE TECH TOOLS

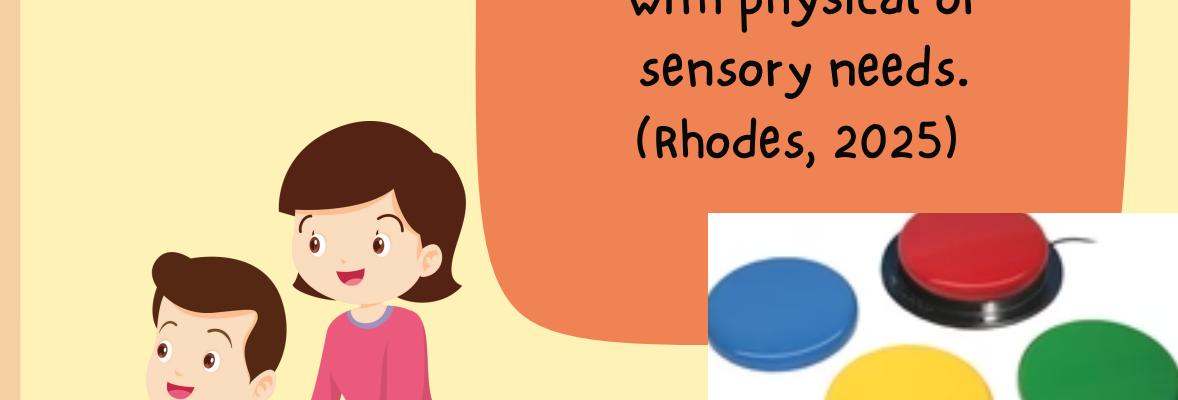
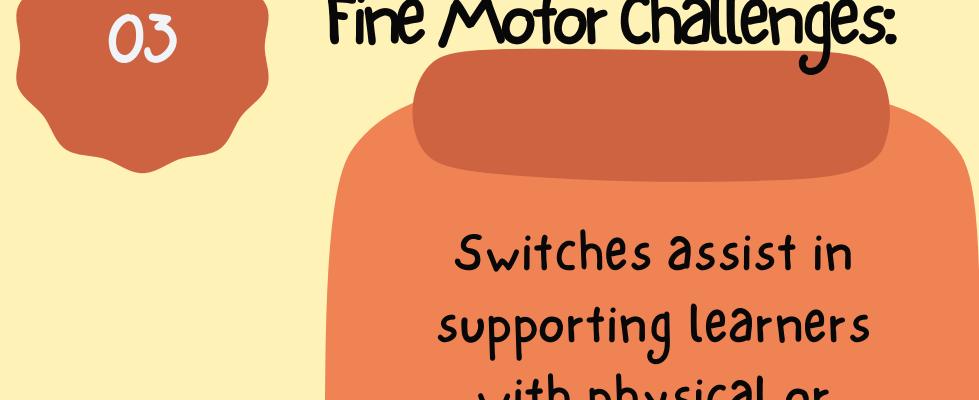
“Any device used to promote the learning of children with disabilities.”
(Morrison, 2020)



Complex Learning Needs in Literacy:

Provides “evidence-based reading intervention, supporting IEP goals and measurable student achievement.”
(Readtopia)

E-readers work on engaging children in an inclusive classroom.





ADVANTAGES

- XL KEYBOARDS "SIMPLIFY THE PHYSICAL OR COGNITIVE DEMANDS OF INTERACTING WITH THE COMPUTER." (ROBYLER, 2019)
- "SWITCHES ALLOW THESE STUDENTS TO PERFORM MANY DAILY TASKS AND MAKE CHOICES MORE INDEPENDENTLY." (ROBYLER, 2019)
- A GREAT TEACHER CREATES HARMONY IN THE CLASSROOM, AND THIS MUST BE DONE VIA DIFFERENTIATION BETWEEN STUDENTS. THE EDUCATOR CAN NEVER HAVE A "ONE SIZE FITS ALL" MENTALITY.



DISADVANTAGES

(ROBYLER) "TEACHERS OF STUDENTS WITH SPECIAL NEEDS HAVE TWO KINDS OF CHALLENGES WHEN MATCHING TECHNOLOGY SOLUTIONS TO EACH STUDENT NEED:

- (1) TO BECOME FAMILIAR WITH THE ARRAY OF RESOURCES AVAILABLE AND THE STRATEGIES THAT THEY ENABLE AND
- (2) TO IDENTIFY HOW TO GAIN ACCESS TO THESE RESOURCES, WHICH CAN BE EXPENSIVE TO PURCHASE AND IMPLEMENT."

RESOURCES

BigBlu Visionboard Wireless Bluetooth Keyboard. (n.d.).

Adaptive Tech Solutions, LLC.

<https://www.adaptivetechsolutions.com/bigblu-visionboard-wireless-bluetooth-keyboard/>

Building Wings. (2025a, April 15). Readtopia - Literacy Curriculum for Special education. Building Wings - How

ALL Learners Soar: Research-based Inclusive Classroom

Literacy Instruction Solutions. [https://](https://www.buildingwings.com/readtopia/)

www.buildingwings.com/readtopia/

FlagHouse Forum: Ability Switches--The Nuts and Bolts.

(2011). Exceptional Parent., 41(7).

Morrison, G., Woika, M.J., & Breffni, L. (2020).

Fundamentals of early child hood education (9th ed.).

Pearson.

Roblyer, M., & Hughes, J. (2019). Integrating educational

technology into teaching: transforming learning across

disciplines (8th ed.). Pearson.