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100 Roscommon Drive, Middletown, CT 06457

**SERC Library:**

**Topical Literature Search**

**Supporting the Educational Needs of Students with Disabilities through Assistive Technology**

**October 2017**

This resource guide includes research articles and other information pulled from literature and the Library’s educational database service for schools, programs, service providers and families regarding some of the recent findings in which assistive technology is being successfully used to enhance educational outcomes for students with disabilities. It should be noted that it does not represent the full scope of resources and information available on this topic nor serve as an endorsement of a particular resource.

**Introductory Article:**

**Ensuring Equal Access to Technology: Providing Assistive Technology for Students with Disabilities**

Hwa, L., & Rosalyn, T. (2008).

Ensuring Equal Access to Technology: Providing Assistive Technology for Students with Disabilities.

*Theory Into Practice*, (3), 212. doi:10.1080/00405840802153874

This article provides an overview of assistive technology (AT) services for students with disabilities and examines issues related to the seamless delivery of these services in education programs. Listed below and described in this article are critical tasks for those who are involved in teaching students with disabilities. Educators must:

1. Increase their knowledge and skills regarding AT devices and services;
2. Seek out ways to acquire needed AT items, including funding sources;
3. Actively collaborate with families and other professionals; and
4. Become strong advocates for students with disabilities to remove existing access barriers to AT devices and services.

Of further note is that it is imperative to develop and/or align AT best practices with existing curriculum standards.

**To learn more:**

[**http://search.ebscohost.com/login.aspx?direct=true&db=edsjsr&AN=edsjsr.40071545&site=eds-live&scope=site**](http://search.ebscohost.com/login.aspx?direct=true&db=edsjsr&AN=edsjsr.40071545&site=eds-live&scope=site)

For access to additional educational resources available through the SERC Library from its electronic journal database service and topical research LibGuides as well as in-person from the various instructional, assessment and other collections, please consider becoming a Library member. Membership is free and you can join online by following the link provided below.

<http://www.ctserc.org/index.php/library/library-about/library-membership>

# Links to Information

**ACCESS! Teaching Writing Skills to Students With Intellectual Disability**

<http://search.ebscohost.com/login.aspx?direct=true&db=ehh&AN=102634044&site=eds-live&scope=site>

**Assistive Technology in the Inclusive Science Classroom**

<http://search.ebscohost.com/login.aspx?direct=true&db=edb&AN=24285848&site=eds-live&scope=site>

**Learning and assistive technologies for college transition**

<http://search.ebscohost.com/login.aspx?direct=true&db=ehh&AN=96193751&site=eds-live&scope=site>

**Making Informed Assistive Technology Decisions for Students With High Incidence Disabilities**

<http://search.ebscohost.com/login.aspx?direct=true&db=aph&AN=21646593&site=eds-live&scope=site>

**Rethinking Everyday Technology as Assistive Technology To Meet Students’ IEP Goals**

<http://search.ebscohost.com/login.aspx?direct=true&db=edb&AN=85968887&site=eds-live&scope=site>

**Switch on the Learning: Teaching Students With Significant Disabilities to Use Switches**

<http://search.ebscohost.com/login.aspx?direct=true&db=aph&AN=113593357&site=eds-live&scope=site>

**Using the iPhone for Assistive Technology: A CASE STUDY**

<http://search.ebscohost.com/login.aspx?direct=true&db=eric&AN=EJ948322&site=eds-live&scope=site>

**What Middle School Educators Should Know about Assistive Technology and Universal Design for Learning**

<http://search.ebscohost.com/login.aspx?direct=true&db=ehh&AN=36630606&site=eds-live&scope=site>

**Please note that the SERC Library makes available for loan a collection of assistive technology tools and devices that include a small number of iPads and Chromebooks through which a borrower can try out and gauge the usefulness of a particular resource.**



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**List of Sources:**

Asselin, S. B. (2014). Learning and assistive technologies for college transition. *Journal Of Vocational Rehabilitation*, *40*(3), 223-230. doi:10.3233/JVR-140687

Bouck, E. C., Flanagan, S., Miller, B., & Bassette, L. (2012). Rethinking Everyday Technology as Assistive Technology To Meet Students' IEP Goals. *Journal Of Special Education Technology*, *27*(4), 47.

Cannella-Malone, H. I., Konrad, M., & Pennington, R. C. (2015). ACCESS! Teaching Writing Skills to Students With Intellectual Disability. *Teaching Exceptional Children*, *47*(5), 272-280. doi:10.1177/0040059915580032

Ford, C., & Rabe, K. (2011). Using the iPhone for Assistive Technology: A Case Study. *Exceptional Parent*, *41*(7), 20-22.

Marino, M. T., Marino, E. C., & Shaw, S. F. (2006). Making Informed Assistive Technology Decisions for Students With High Incidence Disabilities. (Cover story). *Teaching Exceptional Children*, *38*(6), 18-25.

Schaefer, J. M., & Andzik, N. R. (2016). Switch on the Learning. *Teaching Exceptional Children*, *48*(4), 204-212. doi:10.1177/0040059915623517

Watson, S., & Johnston, L. (2007). Assistive Technology in the Inclusive Science Classroom. *Science Teacher*, *74*(3), 34.

Zascavage, V., & Winterman, K. G. (2009). What Middle School Educators Should Know about Assistive Technology and Universal Design for Learning. *Middle School Journal*, *40*(4), 46-52.