



# The World of A.T. Assistive Technology



Educational Equity For All

June 2017



June 08, 2017, 02:00 pm CST - 60-minutes

**TITLE: *Speech Dude Tells More: Practical Technology for Moderate to Severe Students***

**DESCRIPTION:**

In this presentation, participants will be introduced to a wide variety of innovative technology tools that can be easily integrated into teaching and learning in for students with moderate to severe disabilities. Google extensions and other cutting-edge tools will be discussed, along with simple implementation strategies to increase access to content and improve student engagement and productivity, with special emphasis on high school aged and transitional students.

July 11, 2017, 12:00 pm CST - 1-hour

**TITLE: *myGaze®: a Powerful and Easy-to-Use Solution to Support Students With Complex Needs in the Classroom***

**DESCRIPTION:**

In this webinar we will explore the myGaze® system. We will discuss the myGaze® components (camera and software) and main features, and view the essential steps needed to use the device. Many examples of learning and skill-building resources, available online or created with popular software applications, will be shared with participants.

[https://www.ablenetinc.com/resources/live\\_webinars/](https://www.ablenetinc.com/resources/live_webinars/)



Dueling Devices:

Assessing and Justifying Student Needs for Technology  
WEBINAR: Thursday, June 22, 2017 from 2:00 – 3:00 PM Eastern. <https://goo.gl/gjv5VI>



MASTERS IN SPECIAL EDUCATION  
PROGRAM GUIDE

## 5 Examples of Assistive Technology in the Classroom

*Assistive technology is designed to help students who have learning disabilities. Whether students have physical impairments, dyslexia or cognitive problems, **assistive technology** can help them to function within the classroom.*

1. Electronic Worksheets
2. Phonetic Spelling Software
3. Talking Calculators
4. Variable Speed Recorders
5. Videotaped Social Skills

<https://goo.gl/GoKfMZ>



## ABCs & AAC: Alphabet Books in AAC Implementation

**Tuesday, June 20, 2017 3:30 - 4:30 PM Eastern Time Zone**

**Webinar Type:** Live Broadcast

**Webinar Code:** AT17-WEB18-LB

**Webinar Fee:** \$39

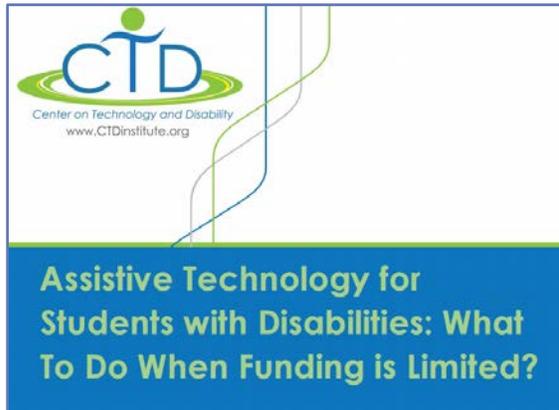
There are many ABC books to cover lots of interest areas & span the range of ages. A wide variety of students can relate to them, create custom ones, sing them, sign them, & repeat them over & over again.

<https://www.atia.org/webinar/abcs-aac-alphabet-books-aac-implementation/>



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## FEATURED IDEA OF THE MONTH



<https://goo.gl/kTaex0>

Why use assistive technology in the classroom? Many classrooms have access to all types of technology. Classroom computers, interactive whiteboards and calculators offer students alternative ways to access and interact with the curriculum. For some students, access to AT in the classroom is necessary to support their communication and learning. AT can help students with autism...

- Better understand their environment
- Improve communication skills
- Increase social interaction
- Build better attention skills
- Expand motivators
- Improve organizational skills
- Keep up with the classroom curriculum
- Increase independence

<http://www.autism-community.com/education/assistive-technology/>

## Assistive Technology in the Inclusive Science Classroom

3/1/2007 - Sandy Watson and Linda Johnston

An example of a text-based laboratory activity without modification is found in Figure 1; the same lab activity modified with Boardmaker software is found in Figure 2. The textual directions in Figure 1 have been simplified with the use of the symbols-based software (Figure 2). Figure 2. A Text-based Lab Activity Modified Using Boardmaker Software.

Baggie Blow-Up									
<b>Objective</b>	Observe Chemical Change								
<b>Materials</b>	Ziptie Bag Canister Tweezers Graduated Cylinder Goggles Sodium Bicarbonate Phenolphthalein Phenol Red Cotton Chloride								
<b>Procedure</b>	<table border="1"><tr><td>Put on Goggles</td><td>Add Sodium Bicarbonate &amp; Calcium Chloride</td><td>Add Phenol Red to Canister</td><td>Put on Lid</td></tr><tr><td>Keep Canister Upright</td><td>Press Air Out of Baggie</td><td>Open Canister &amp; Stir Phenol Red in Baggie</td><td>Observe reaction</td></tr></table>	Put on Goggles	Add Sodium Bicarbonate & Calcium Chloride	Add Phenol Red to Canister	Put on Lid	Keep Canister Upright	Press Air Out of Baggie	Open Canister & Stir Phenol Red in Baggie	Observe reaction
Put on Goggles	Add Sodium Bicarbonate & Calcium Chloride	Add Phenol Red to Canister	Put on Lid						
Keep Canister Upright	Press Air Out of Baggie	Open Canister & Stir Phenol Red in Baggie	Observe reaction						

<http://www.nsta.org/publications/news/story.aspx?id=53489>

## WEBSITES AND RESOURCES

<http://www.noodlenook.net/using-assistive-technology/>  
<http://tadupre.wixsite.com/vsstrategies/make-n-takes>  
<https://goo.gl/muxWtg>

## PROFESSIONAL DEVELOPMENT



Bureau of Special Education  
Pennsylvania Training and Technical Assistance Network

## POWER AAC

The POWER AAC modules are intended to build the capacity of school personnel to improve communication skills and provide flexible, generative vocabulary for students who need or use AAC.

**What does "POWER AAC" mean?**

The title **POWER AAC** refers to the five key principles of this project. POWER AAC classrooms have educational teams who are learning to

- Practice powerful communication **PARTNER** skills,
- Create powerful communication **OPPORTUNITIES**,
- Implement power **WORDS** in social and instructional contexts,
- Continually utilize **EVIDENCE** in decision making about AAC systems and supports,
- Create, implement, and share powerful **RESOURCES**.

Modules 1-6 include Introduction to POWER AAC, Assess Classroom Practices, Develop AAC Systems, Represent Vocabulary Words, and Provide Supports and Scaffolds

Modules 7-12 include Practice Partner Skills, Teach Vocabulary, Use in Class, Bring it Home, Collect Evidence, and Share Resources.

Each module is presented in a variety of formats, including a video, PowerPoint presentation format and a print version of the PowerPoint with transcription notes. Some of the modules include supplemental presentation materials. Each module includes a pre and post test assessment and application assignments for classrooms.

[http://www.pattan.net/category/Educational%20Initiatives/Assistive%20Technology/page/POWER\\_AAC.html](http://www.pattan.net/category/Educational%20Initiatives/Assistive%20Technology/page/POWER_AAC.html)



Assistive Technology: Access for all Students, Pearson eText with Loose-Leaf Version -- Access Card Package (3rd Edition) 3rd Edition

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