

**GRADUATION:
The Measure of Tomorrow**

**Using AT/AAC with
Students with Sensory
and Multiple Disabilities**

PUBLIC SCHOOLS OF NORTH CAROLINA
State Board of Education | Department of Public Instruction

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Presenters

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Objectives

- Enhance skills for working with children who have complex disabilities
- Gain an appreciation for the ease and effectiveness of utilizing AAC/AT in all classrooms
- Share practical ideas for implementing AAC/AT strategies across academic areas

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The Story of Daryl

- www.kidsot.com/kidsotweb_files/MyBrotherDaryl.pdf

A Day in The Life.....

- Video clip (1 min 22 sec)

- <https://vimeo.com/17442782>

What Did You See ?

- What was the purpose of the hat?
- What was different about the interactive white board?
- What peer support did you notice?
- What would you change about this environment?

Key Points Re: Learning



- Exposure
- Generalization
- Teacher to student engagement level
- Student to student engagement

Getting to School

- O & M
- Powered by....
- Navigating the route



The Tasks - Backpacks, Cubbies and Sign-in (oh my!)

- Access to student materials
- Student management of school related ADLs
- Engineering the environment for independence
- Sign in for all

For Example ...



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Sign -in Strategies



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Circle Time/ Morning Meeting

- Story bags
- Tactile symbols
- Audio
- News -2- You – Online symbol newspapers with audio
- Symbol World – www.symbolworld.org

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Daily schedule

- Discuss daily schedule
 - Expandable calendar boxes
 - AAC devices
 - Tactile Connections Kit
 - Aided language boards
 - Prox Pad
- Weather

Morning meeting / Circle Time



Tactile calendar



APA calendar box

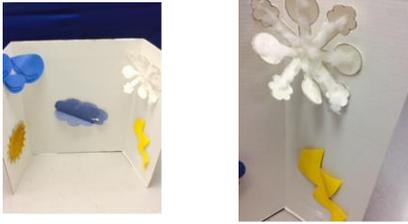


Homemade calendar box

Morning meeting / Circle time



Weather



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Video – Calendar – Kris

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Snacks, Lunch, Mealtime Routines

- Lunch choices
- Learning the routine
- Snack time for all – the Smoothies Stand

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The Snow Cone Stand



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IEP Time and Functional Academics

- Engagement: The Why of learning
- Representation: The What of learning
- Action and Expression: Ways students express what they know

(from UDL on CAST website – www.cast.org)

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Engagement

- Motivation
- Design for Access
- Learning Medium

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Representation

- Materials
- Positioning
- Low tech supports
- Higher tech additions

Representation



Video – Kaitlyn – Apple

Prox Pad –Making choices

- Video – student user

Action and Expression

- Vocalization
- Object manipulation
- Gestures/ Facial features
- AT for expression
 - Aided language boards
 - Partner assisted scanning
 - Low and high tech voice output
 - Keyboard devices
 - Speech text

Leisure Skills/ Free Time

- Longitudinal leisure skills
(Using commercially available toys with adaptations)
- Community resources and access
- Adapted sports equipment
- Library access
- Computer activities

On the Job

- Greeter at local store – voice output button
- Local Hospital- AAC use
- School Lunch “Banker” - Coinulator use
- Project SEARCH



Project Search

- Video

High School Vocational Training

- Matt- video

Deaf Blind Project

- FAQ at DPI
- <http://ec.ncpublicschools.gov/disability-resources/deaf-blind/census/questions-answers.pdf>

Technologies for Deaf/Blindness

- Apple Watch
 - Haptic taps
 - Article
 - Video
- Refreshable Braille display
- Accessibility features on laptops, Chrome, tablets, iPad

Victor

- Video

Progressive Conditions

- CHARGE
- Ushers Syndrome
- Leber's Syndrome
- Norrie's Disease
- Down Syndrome

Molly – video

Favorite Classroom Activities to Engage All Learners

- Artist Trading Cards
- Pix Writer on the Interactive Whiteboard
