Shifts in Practice
Assistive Technology
and Learning
in and out
of the classroom

Gina Stefanini, 2013

http://schools.nyc.gov/Academics/CommonCoreLibrary/ProfessionalLearning/UDL/default.htm

http://www.udlcenter.org/
A UDL Moment

Recall a UDL moment or ‘non-moment’ when providing multiple means of engagement, representation, or expression changed the learning for a child.

I also includes any service that assists in the selection, acquisition, or use of the AT Device.

Training (teacher, student, family, para), Curriculum Integration, Upkeep, Purchase, Security, Application, Repair, Upgrade, Troubleshooting…

Assistive Technology

Dissecting the Definition of Assistive Technology

How can AT make UDL possible?

a few stories to share

What connections, ideas are you making about your teaching practice and the students you serve?
Documenting a new Play Scheme

Nick participates in producing a 'script' that he will use to include a peer in his play.

The documentation 'holds' his learning so he can revisit and reflect.

Use of Comic Life.

Nick participates in the process of what and when to document.
Documentation...
- provided an avenue to revisit past learning and apply it to new learning.
- encouraged collaborative and flexible play.
- communicated a common set of language and experience.
- gave entry into the learning community.
- increased social contact.
- provided the tools for students to record and share.

Choosing to Participate
- “I can do my work.”
- “I watch kids.”
- “I want to sit with them.”
- “Will I never sit with them?”

Capturing the Learning for Reflection and Practice
- “Am I smiling?”
- “Where do my teeth go?”
- “Let me see my smile.”
- “Let me try again.”
- “I will hide my teeth.”
Lunch Bunch Groups became ‘Investigation Teams’

Documentation and Research were tools for student discovery of social norms and social expectations. Students then went back to ‘practice’ using video/photo to support them.
• “They are close to each other.”
• “No one is hitting.”
• “Sharing. Sharing is using the same stuff.”
• “I don’t know. What are they doing?”
• “Using the same toys. No Yelling.”
• “No teachers…They do it by themselves.”
• “I don’t like to share all the time.”
• “Well, sharing is friendly.”
• “Let’s watch it again.”
• “No, I want to try it before we watch again.”

Self-Evaluation
Student with CP

Student observes her video and participates in assessment and planning. Other Students engage with the documentation to think about their reading.

Co-Investigators in Literacy PhotoBooth

Student Reflection
Before
No Video
I read the book.
It was good.
I just read it.

After
Video
• “I need help with some of the words but I knew more then I thought.”
• “I think I should practice it again before I tape.”
• “I showed the pictures to the story…just like my teacher.”
• “How can I show the book and my face?”
• The author wanted us to laugh.
Documentation to ‘hold’ the classroom norms and practices

A New ‘Communication System’

We discovered that when we replaced ‘the book’ with a few images that the student’s at-home language about his school day increased and parents felt more connected then when provided a time-consuming text system.

We simply sent back/forth a cheap digital camera and parents downloaded the new visuals each day.

Students revisited their work and dialogue deepened as they revisited prior ‘learning snapshots’.

Language Increased When the Student Had Access to the Documentation

Before:
Parent: How was gym today?
Student: What?
P: You had gym today.
S: Gym, yeah.

After:
Student: See me. I played gym. I had a blue ball. No, I have it. You look (referring to the image). I tag and Ann tags me. See, I run and hit the red wall…
What can happen to a meeting when the image and voice of the child is included:

Including an image, voice or video before you begin provides a 'shared experience' and a starting point that focuses on the student. Barriers shift and we begin our conversation grounded in a common understanding.

Think of a child that you could make a difference with. Share your story.

Keep this child in mind as we review AT products and resources.

UDL Tool Kit

http://udltechtoolkit.wikispaces.com/

Teaching Every Student

http://teachingeverystudent.blogspot.com/
kerpoof

- http://www.kerpoof.com/teach

A multi-media tool for alternative output and affect.

Text Project

- Teacher created books to support vocabulary development and background knowledge.
- http://www.textproject.org/teachers/word-pictures/

http://www.textproject.org/

Book Maker Sites

- http://www.storyjumper.com/
- http://learnenglishkids.britishcouncil.org/make-your-own/story-maker
- http://storybird.com/

audioboo

- A mobile & web platform that allows you to record and upload audio for your friends, family or the rest of the world to hear.
- http://audioboo.fm/

Homework reminder, Alternative Presentation, Sharing to Family
A hundred places to venture….

Digital Resources to Browse

Time to Plan

Think about that child. What could be the next step that Assistive Technology could help? Share with a neighbor.