


Assistive Technology

September 11, 2013




Goals for Sept 11th



- Overview of laws
- Classify technologies: high, low, and mid
- Q and A
- Wikis
- Organizing websites
- Introduction to iPads

Legal Definition



Assistive Technology Device

Any item, piece of equipment or product system, whether acquired commercially off the shelf, modified, or customized—that is used to increase, maintain, or improve the functional capabilities of children with disabilities.

Four laws

1. IDEA, 2004
 - LRE: least restrictive environment
 - FAPE: free appropriate public education
2. Technology Related Assistance for Individuals with Disabilities Act, 1988
3. Assistive Technology Act of 1998
4. Rehabilitation Act of 1973

Guiding Principles of AT

1. Families are involved
2. Devices are used across settings
3. Tools are easy to use
4. Families access from lending library
5. Assessment and intervention
6. Included in IFSP or IEP
7. Foster learning or independence
8. Training for families and professionals
9. Funding sources explained


What's a SGD?



When Planning Classroom Activities

- Identify expected performance demands
 - Do-Say-Remember requirements
 - Physical, verbal, mental
- Describe the 'gap' between the child's performance and expected performance demands
- Select assistive technology solution to 'close the gap'.

Low tech




Print: Resources for Making Low-Tech AT & Adaptations

Idea to Share: Baking Pan Magnifier

GENERAL MAKE-IT TAKE-IT LIST

- Velcro
- Various kinds of tape - Duct tape, masking tape, cloth tape, electrical tape
- PVC pipe
- Sewing kit
- Empty containers
- Cardboard boxes
- Scissors and X-acto knife
- Glue and hot glue gun
- Various kinds of paper - construction, cardstock, 3x5 cards, etc.

- Markers, pencils, pens, crayons
- Styrofoam trays
- Fabric scraps
- Sandpaper
- Spray adhesive
- Non-slip material
- Felt
- Phonebooks
- Tool set
- Battery interrupter and switch



Sorting Activity

Classify technologies


Low

Mid

High



Wiki



<http://wikiusers.wikispaces.umb.edu/Information+for+Students>


Atomic Learning:
Wikis

Web sites

- So much great information!



How do you ever find your way back?



Organizing Web links

- How do you?

- Consider:
 - Evernotes
 - Diigo
 - Delicious



Exploring the iPads