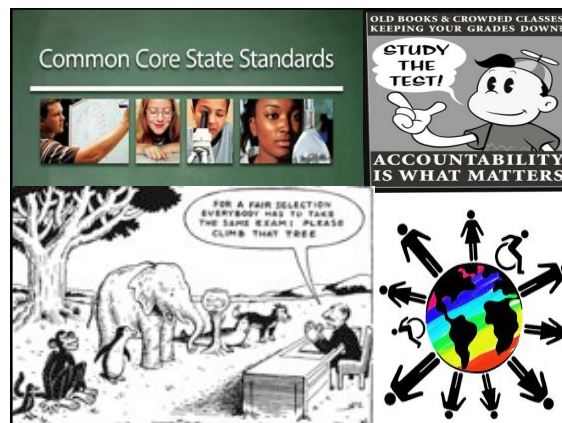


Surviving and Thriving in Diverse Classrooms

Technologies to Support Teachers, Learners, and Those with Special Needs



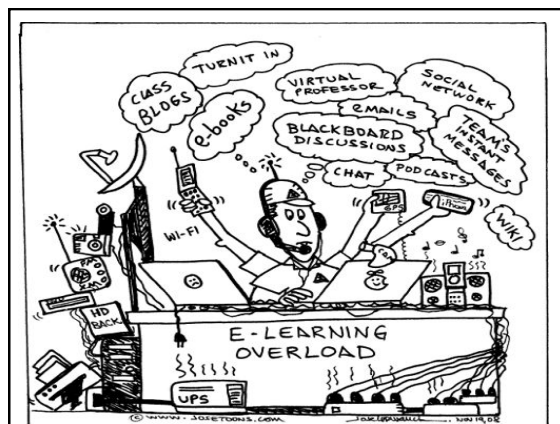
Overview

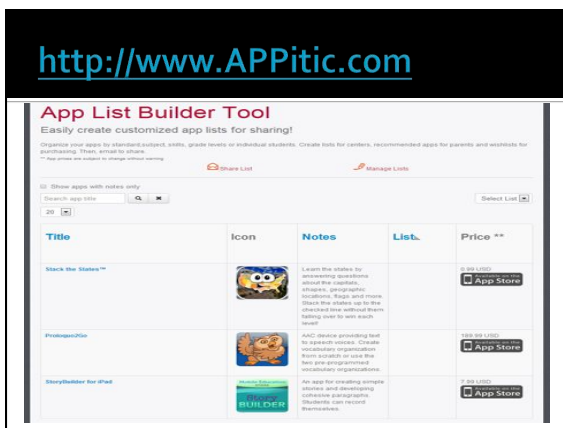
- Challenges facing educators
- Technology--overload or solution?
- Universal design for learning (UDL) principles
- Integrating technology and UDL to support SWD, struggling learners, and teachers
 - Options for presenting and accessing..
 - Options for expressing and demonstrating..
 - Options for engaging and sustaining...
- Shifting responsibility to the students

The 5 'R's student ...



- Reluctant
- Relcalcitrant
- Reading and wRiting
- Resistant





“For most of us technology makes things easier. For a person with disabilities, it makes things possible”

(Edyburn, Higgins, & Boone, 2005, p. xiii)



Universal Design: We all benefit



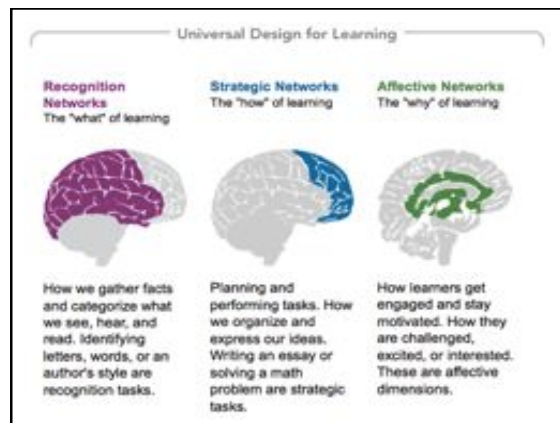
- Not one size fits all – but alternatives.
- Designed from the beginning, not added on later.
- Increases access opportunities for everyone

Universal Design Is All Around Us...

- Ramps
- Curb Cuts
- Electric Doors
- Captions on Television
- Easy Grip Tools



Slide adapted from Kathy Howery



<http://udltechtoolkit.wikispaces.com>



Technology-based Solutions

Options for ...

Presenting,
representing,
accessing,

expressing,
demonstrating..

engaging,
challenging,
supporting, and
sustaining...



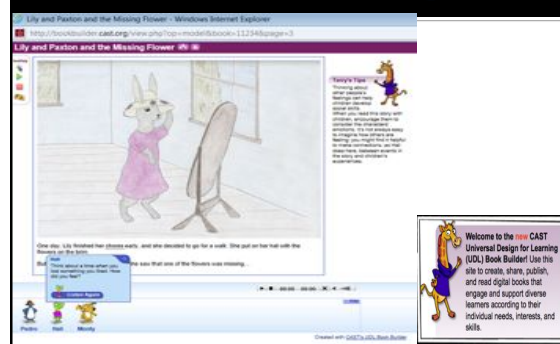
Options for presenting information

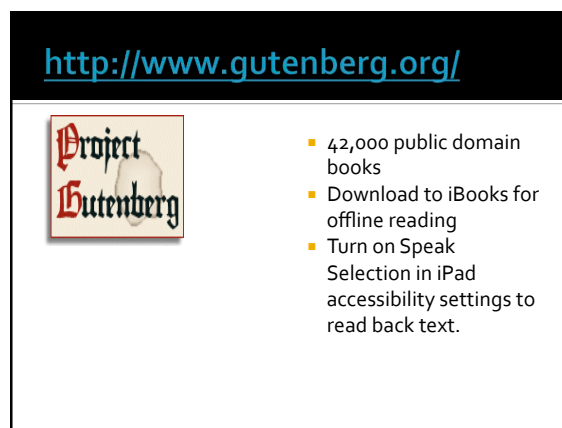
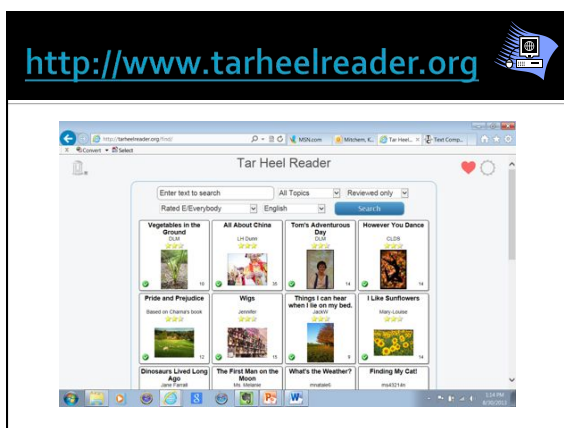
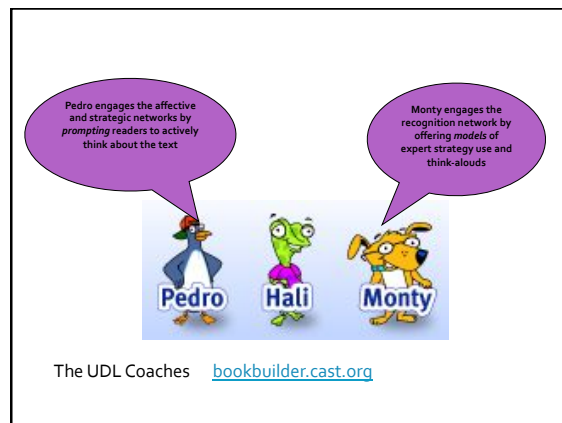
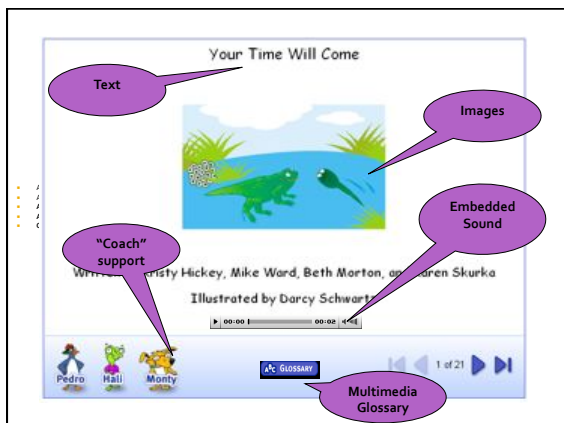


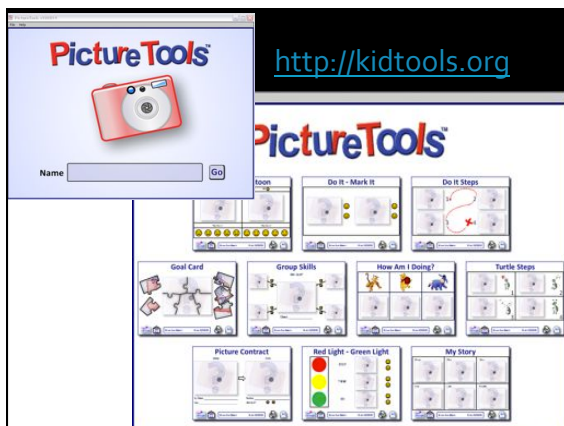
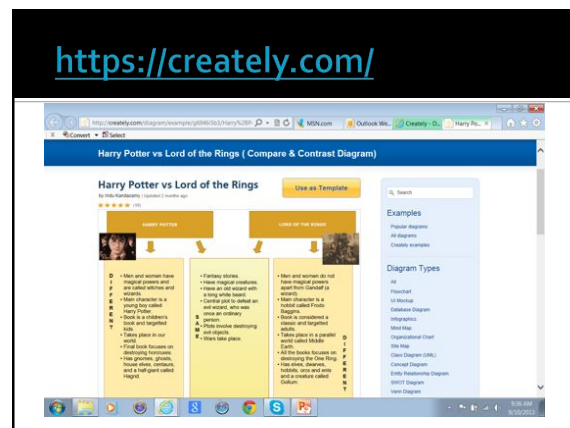
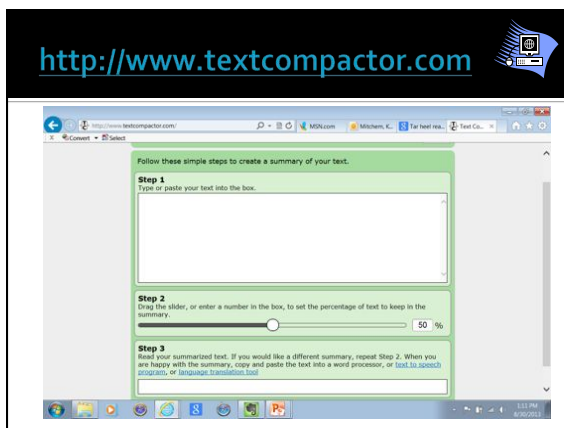
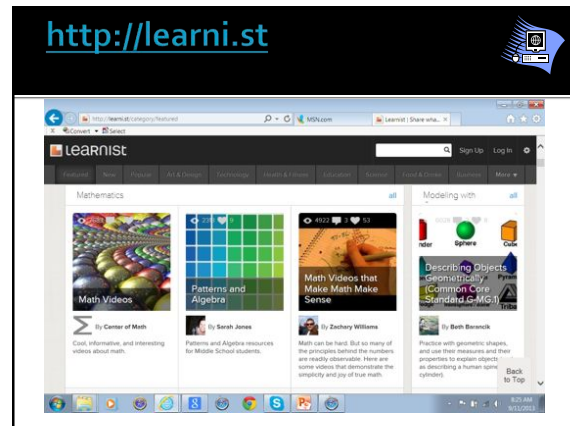
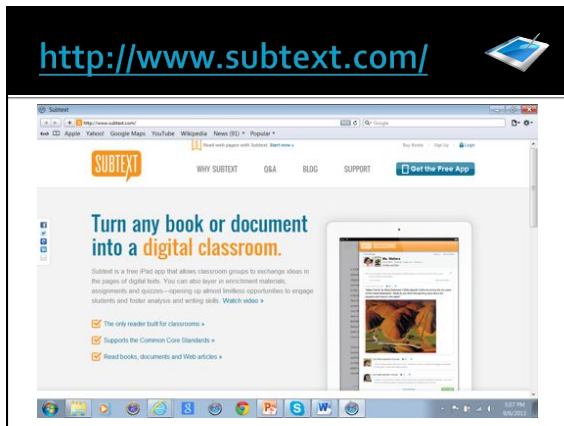
Digital Life-- History for Music Lovers

<http://www.youtube.com/watch?v=ROo-7YAxxDY&feature=c4-overview&list=UUAiABuhVSMZJMqv4UrcXqA>

<http://bookbuilder.cast.org>



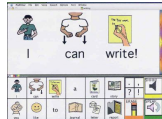




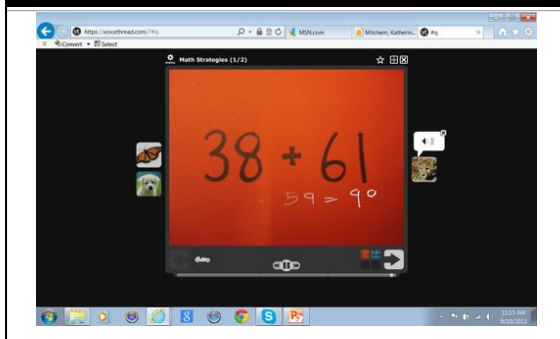
Options for Expression

Remember the wRiting resistant student...

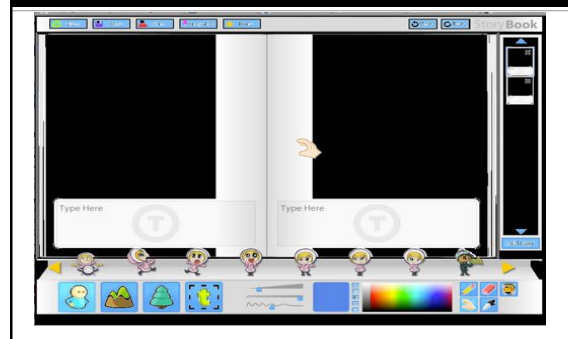
- Speech recognition software
- iMovie or Movie Maker
- Graphic organizers and mapping tools
- Voice Thread



<https://voicethread.com/mathstrategies>

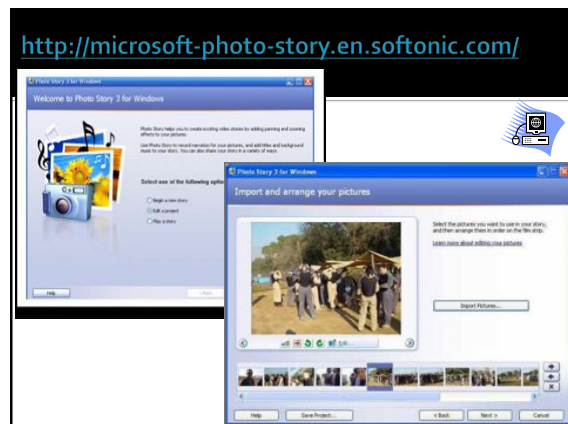


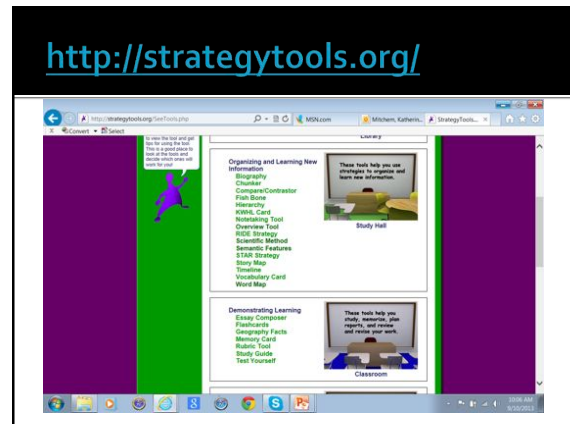
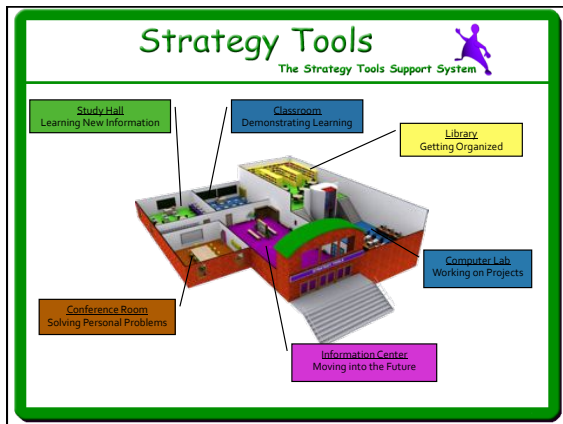
<http://www.kerpoof.com>



Comic Life

<http://www.plasq.com>





Study Guide

Class: History Topic: Persian Gulf War

Main Ideas

- Armed conflict between Iraq and a coalition of 32 nations
- Originated with Iraq's invasion of Kuwait

Details to Learn

Iraq invaded Kuwait because they felt there was an over prod	Coalition forces invaded Kuwait & Iraq and defeated and liberat	
Un security council wanted Iraq to leave Kuwait & embargo		
When Saddam Hussein refused to leave, operation des		

Special Words

Operation Desert Storm	Saddam Hussein	Gen. Norman Schwarzk	George W. Bush
United Nation Security			

Options for engagement

What about the reluctant, recalcitrant student?

- Sustaining student interest, motivation, persistence?
- Feedback, choice, relevance, appropriate supports, goal-setting, self-regulation



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Tap in to student interests..

Mummification



Mummification ("Good Romance (Time of Your Life)" by Green Day)

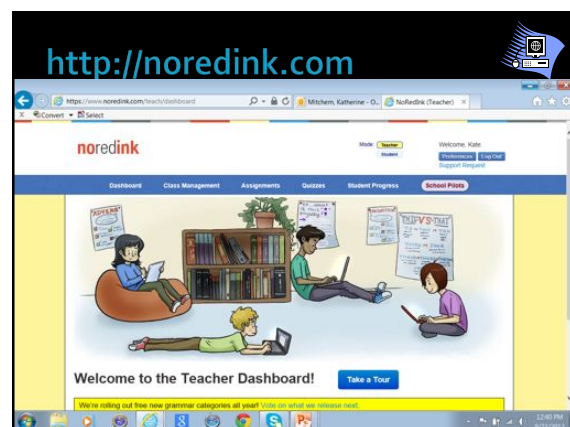
<http://www.youtube.com/watch?v=1JqIAD7dn-E&list=UUAiABuhVSMZJMgvv4UrsXqA>

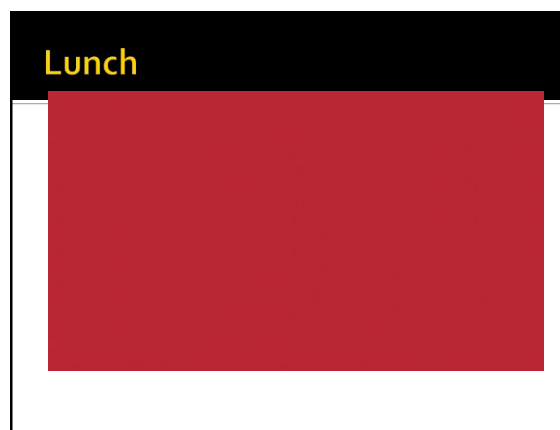
The French Revolution



The French Revolution ("Bad Romance" by Lady Gaga)

<http://www.youtube.com/watch?v=XsZbktovqo&list=UUAiABuhVSMZJMgvv4UrsXqA>





Closing thoughts

- Future research
- Tips/ideas for supporting students? the 5 R's student? you?
- Questions?

Questions?

- Thank you and enjoy the rest of the conference.
- Kate Mitchem, Ph.D., BCBA-D
- mitchem_k@calu.edu
- California University of Pennsylvania
- USA