Authentic Student Learning
Supplemented with Educational Technology
Guiding Rules

- Restroom & Breaks
- Sit where you can collaborate
Goals

- Provide authentic and engaging resources
- Transition from low-level technology applications to authentic applications
- Create short and long-term positive social change
Complete the anticipation guide
MY TEACHER TOLD ME OUR LEARNING WAS AUTHENTIC...I AM JUST NOT SURE WHAT WE LEARNED.
Engaging students will lead to authentic and meaningful learning (An & Reigeluth, 2011)
• Supplemented by educational technology

Helps develop:
• communication, collaboration, critical thinking, & decision-making skills (An & Reigeluth, 2011)
The Data

- **Low-level activity with technology**
  - Learn or practice basic skills (64%)
    - Other researchers have also noticed this trend. (Berry, 2011; Lowther et al., 2012)

- **Authentic application**
  - Create & design projects (12%)

- **Adequate computer access for students**
  - >25% disagree
Engaging the Brain

- Discussion
- Graphic Organizers
- Experiments, Labs, & Models
- Reciprocal Teaching
- Apprenticeship
- Metaphors & Analogies
- Movement
- Project & Problem Based Instruction
- Cooperative Learning
- Work Study
Discuss the how you currently or could you the engaging brain activities.

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Providing teachers with authentic learning experiences using educational technology resources will help diminish fears, misunderstandings, and negative attitudes (Walker, 2010)
Professional Learning Committee

- Teachers & administration meet on regular basis to increase personal & professional learning
- Promotes collaboration, honest discussions, & commitment to growth and development (Lieberman & Miller, 2011; Linder, Post, & Calabrese, 2012)
- Teachers trying to increase student achievement (Lieberman & Miller, 2011)
- Administrators should encourage teachers to participate in PLCs and celebrate milestones and success of groups (Linder et al., 2012)
Doing an internet search for "bloom's taxonomy technology" will reveal many technology resources.
Constructivism & Cognitive Flexibility Theory

- Apply & construct knowledge (Spiro & Jehng, 1990)
- Multiple perspectives (Strobel et al., 2008)
- Not recalling (Fox-Turnbull & Snape, 2011)
Students create interactive posters
  • Text, photos, videos, sounds, & data attachments

Excellent for
  • Book reports, research projects, & presentations

Glogster poster yourself
Create, read, share visual stories
  - Easy setup
Provide private feedback
Grade work online
Share and print
Social writing platform for education
  - Project-Based Learning

Students can work on projects alone or together

Manage activity, resources, conversations, & projects

See student progress in real time

Safe Social Networking

Remote Learning

FREE!!!
Questions
# References


Evaluation