Background

Resources

Implementation

Wordles, Kahoots, and PowToons, oh my!

A hands-on approach to integrating technology into the classroom.

*The actual presentation involves interaction. This is a sample of my presentation and includes screen shots of some of the activities covered.

J. Megan Carlton

Why use Technology

Types of Tools

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Neuroplasticity - describes how neural pathways are reorganized.

The brain can adapt to new technology in just 7 days!

High levels of exposure to media is having an impact on the way the brain works.

"These are not the same learners that were sitting in classrooms a generation ago."

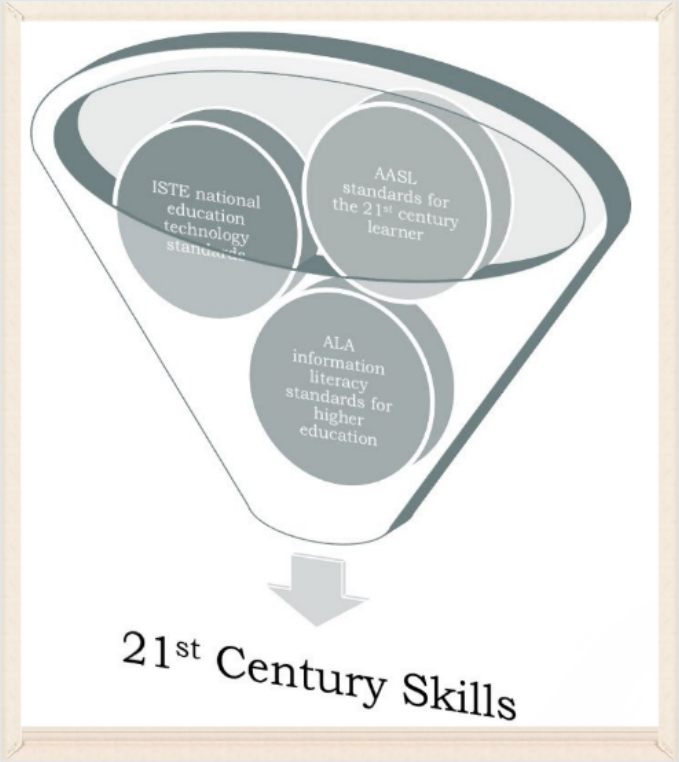
Prezi

ago.

Why use Technology?

State Standards set by:

- **ISTE - national education technology standards**
- **AASL - standards for the 21st century learner**
- **ALA - information literacy standards for higher education**



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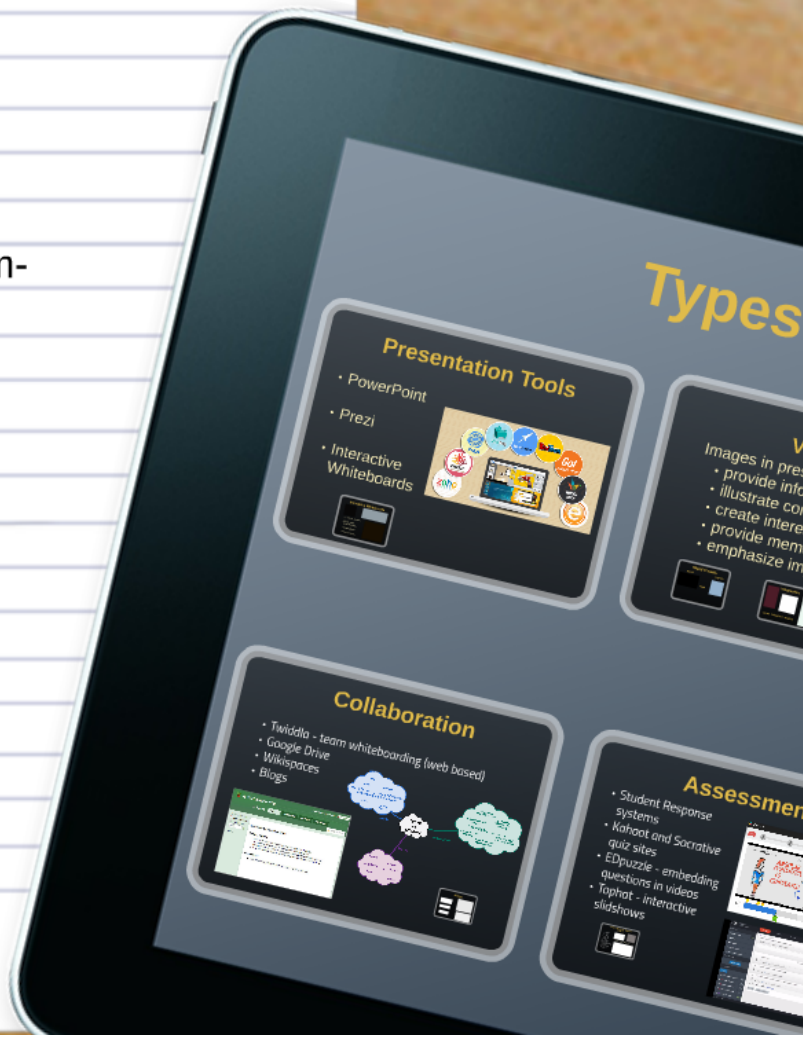
Why Technology Works

- Increases student learning, understanding, and achievement
- Motivates students to learn
- Encourages collaborative learning
- Develops critical thinking and problem-solving skills
- Multiple learning styles are easily addressed
- Creates a meaningful environment



Prezi

Types of Tools

Presentation Tools

- PowerPoint
- Prezi
- Interactive Whiteboards

Visual

Images in presentations should:

- provide information
- illustrate concepts
- create interest
- provide memory aids
- emphasize important ideas

Video

Types of videos
- Narrated sideshows
- Time-lapse
- Slow-motion
- Green screen
- RSA Animate
- Common Craft

Tools
- PowToons
- Vimeo
- Screencasts
- Imovie
- Biteable
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Collaboration

- Twiddla - team whiteboarding (web based)
- Google Drive
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Assessment

- Student Response systems
- Kahoot and Socrative quiz sites
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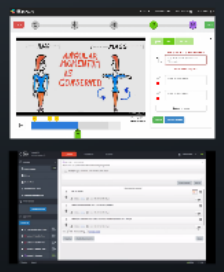

Course Management

Online Tools available to:
- post class materials
- students posting assignments
- gradebook
- discussion boards

Moodle

Canvas

Prezi

Presentation Tools

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- Interactive Whiteboards

Prezi

Interactive Whiteboards

- Multimedia Lessons
- Collaborative problem solving
- Virtual field trips
- Recorded lessons

Prezi

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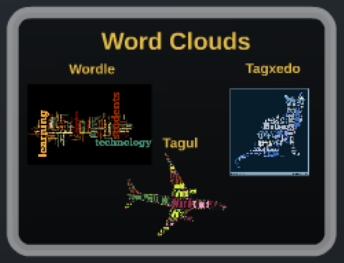
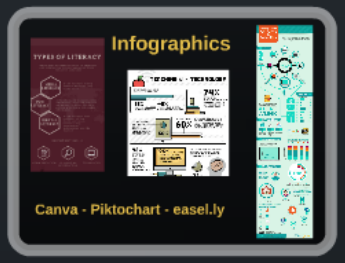
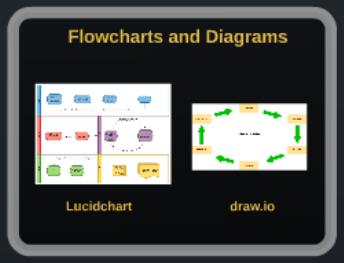


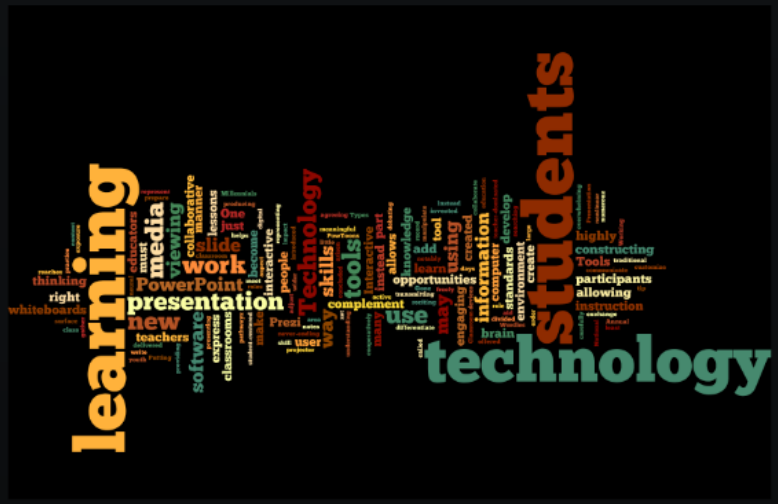




Prezi

Word Clouds

Wordle



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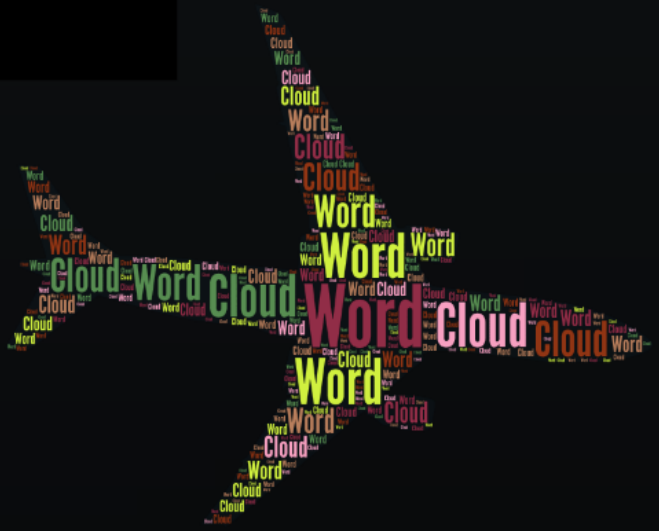

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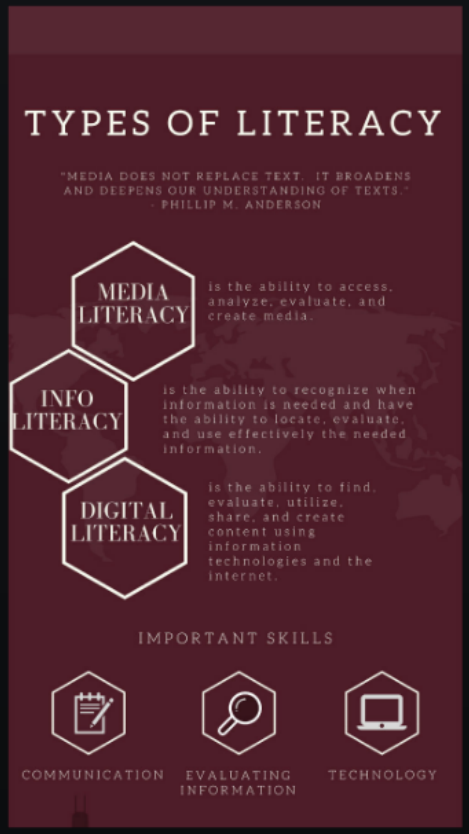
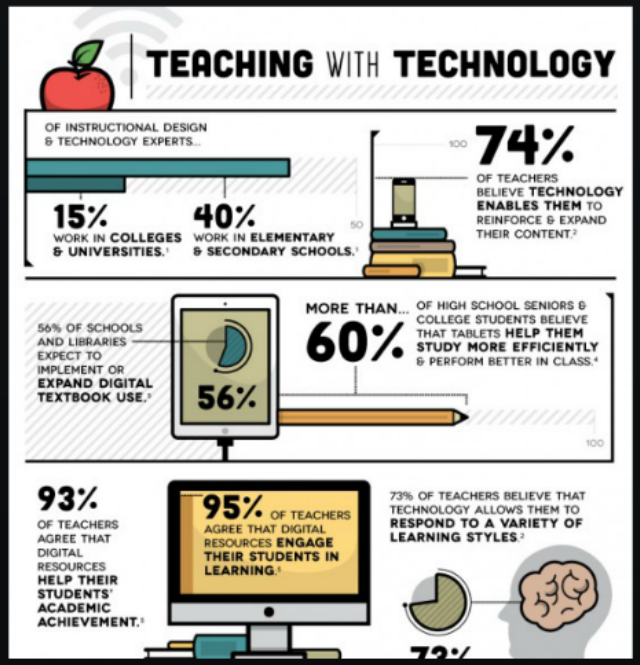
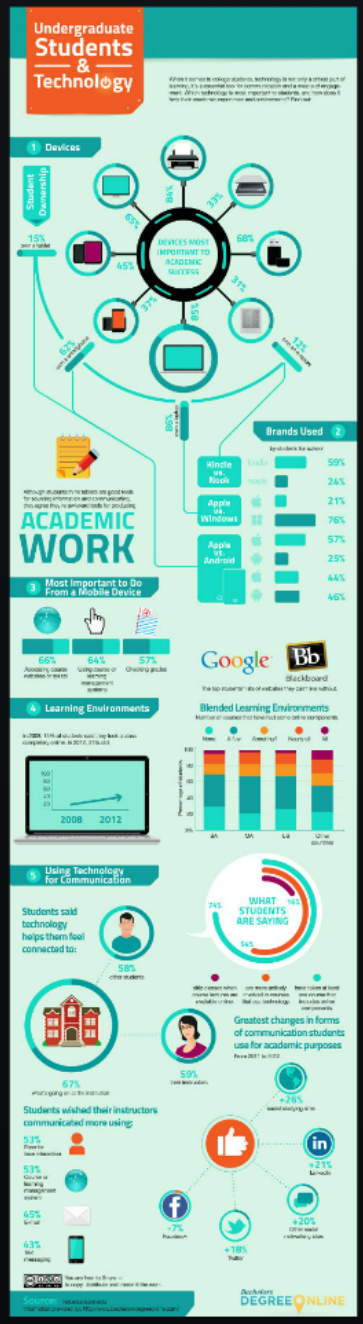
Infographics



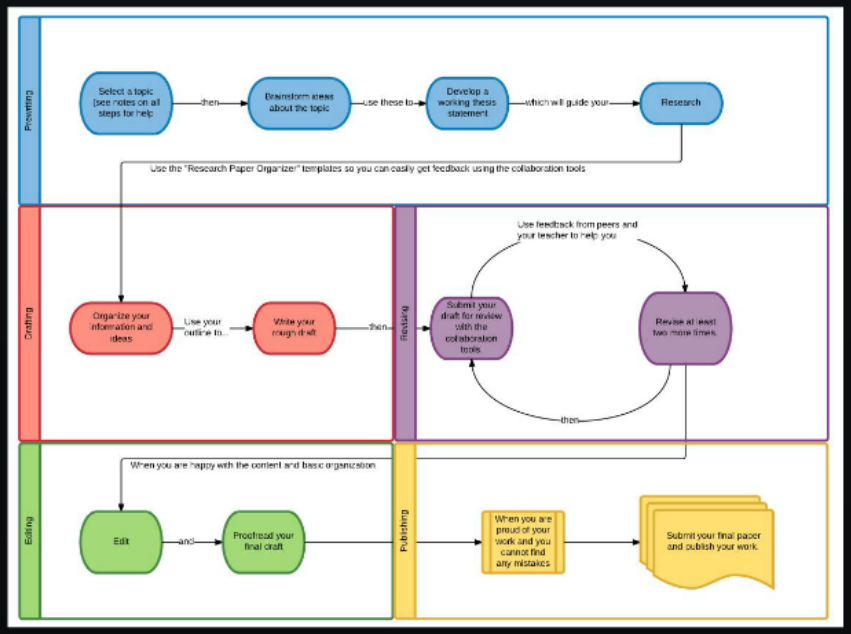




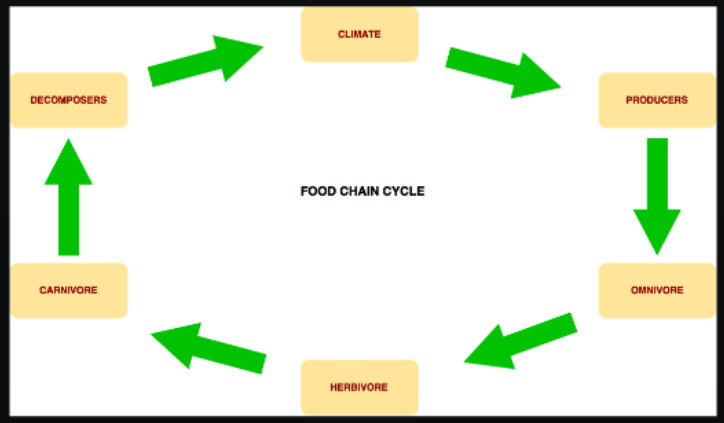
Canva - Piktochart - easel.ly

Prezi

Flowcharts and Diagrams



Lucidchart



draw.io

Prezi

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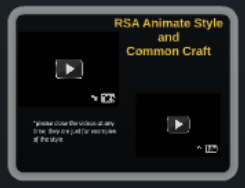
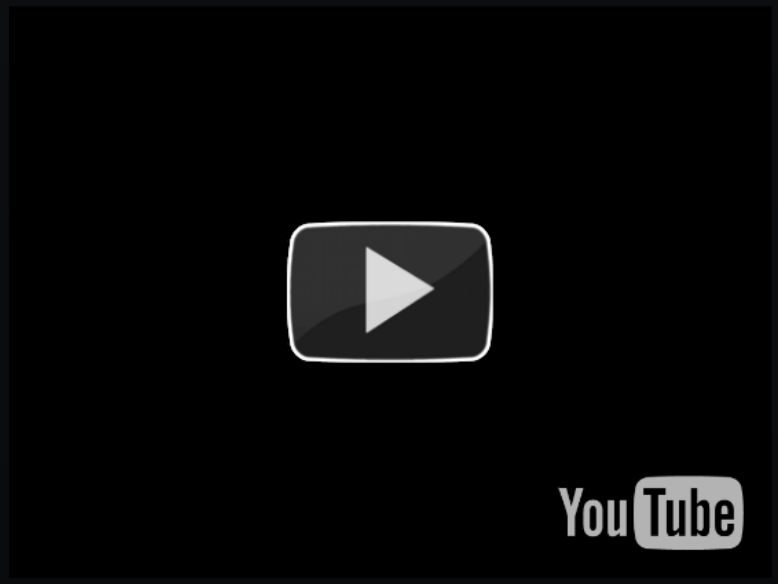
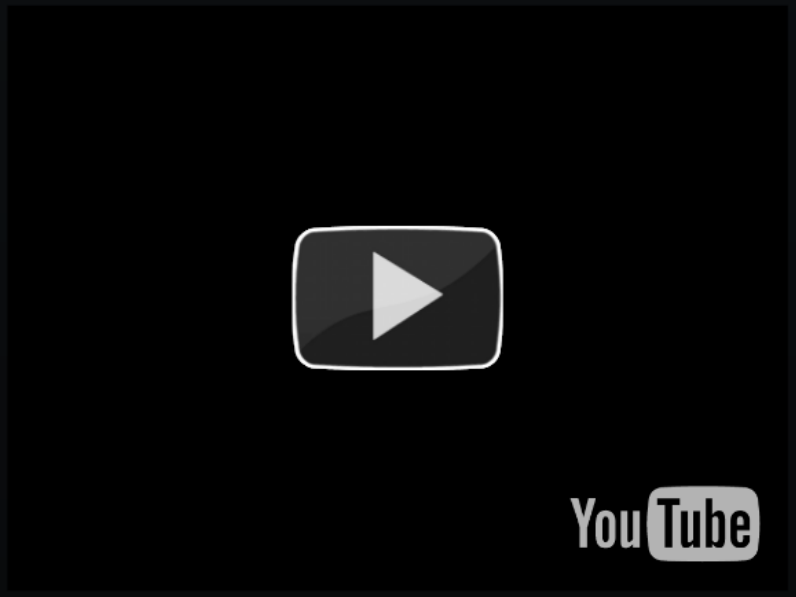


Prezi

Time-lapse and Slow-motion





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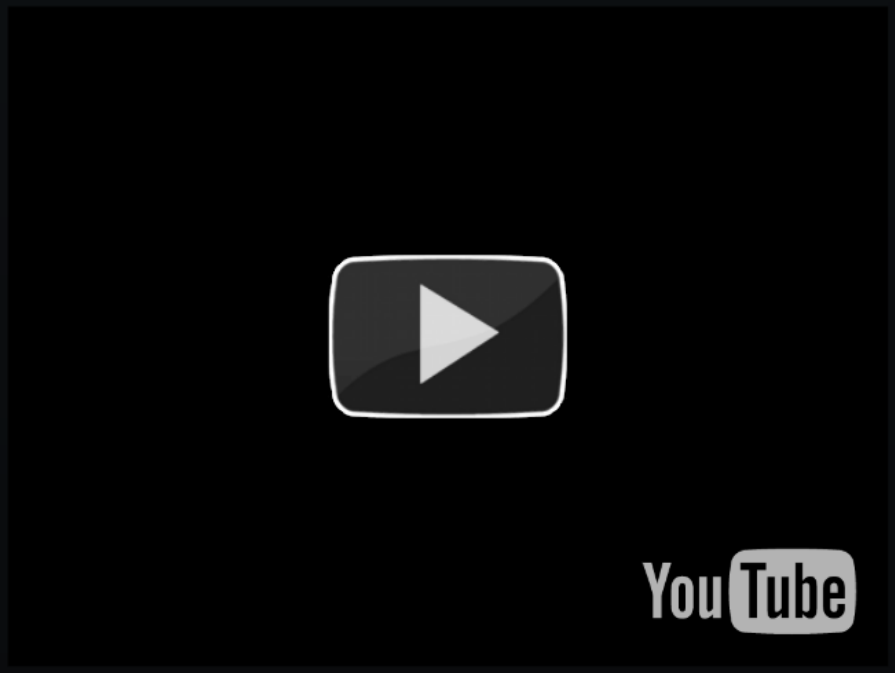
RSA Animate Style and Common Craft

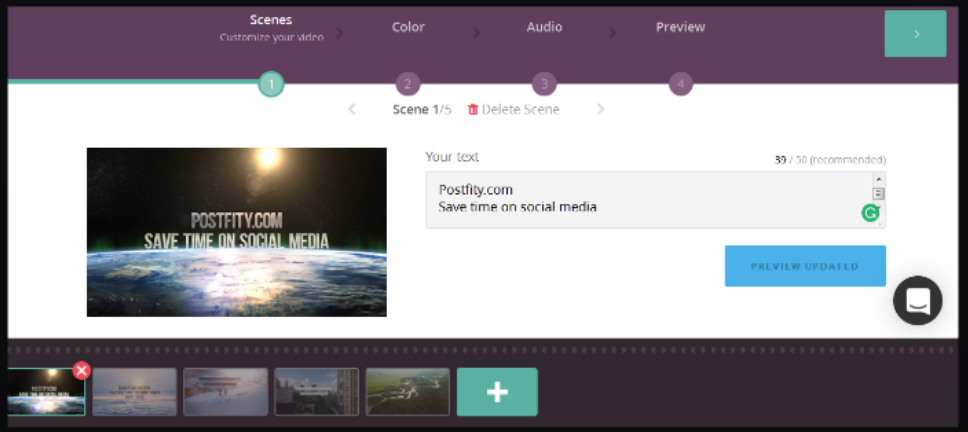


*please close the videos at any time, they are just for examples of the style.

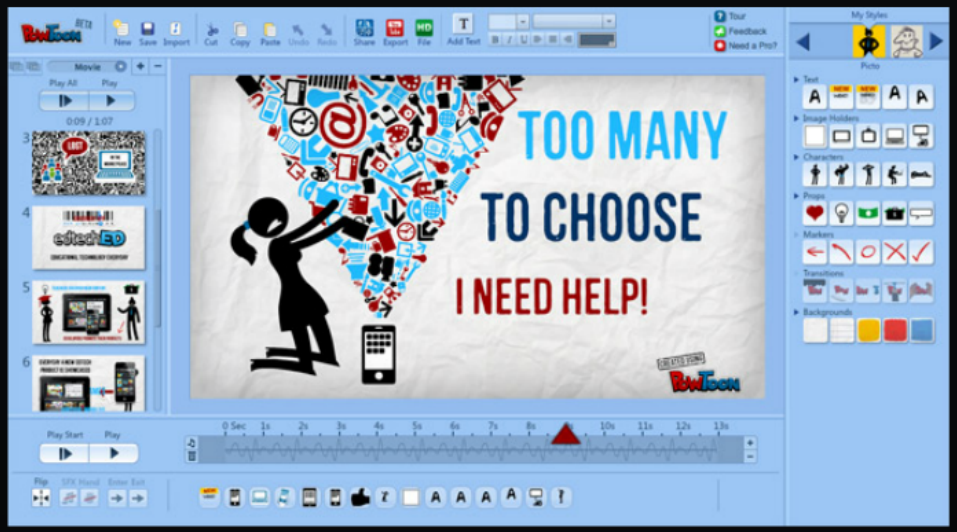
Prezi

Other Video Tools

Biteable



vimeo



PowToon

Prezi

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- Google Drive
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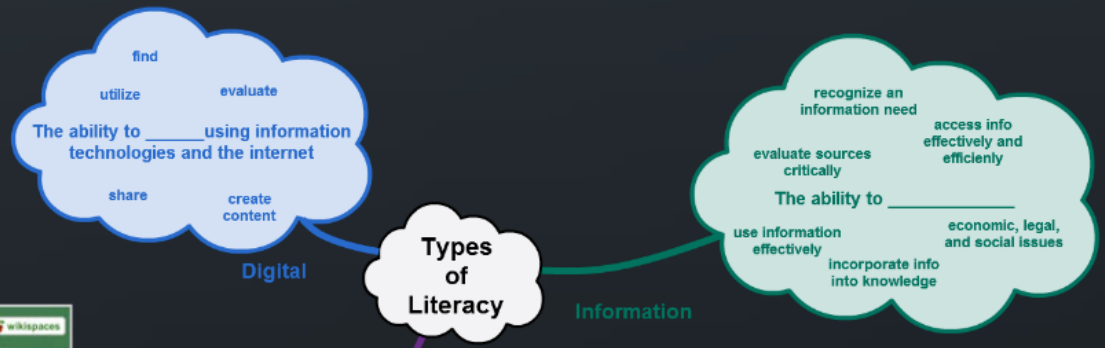
- Blogs



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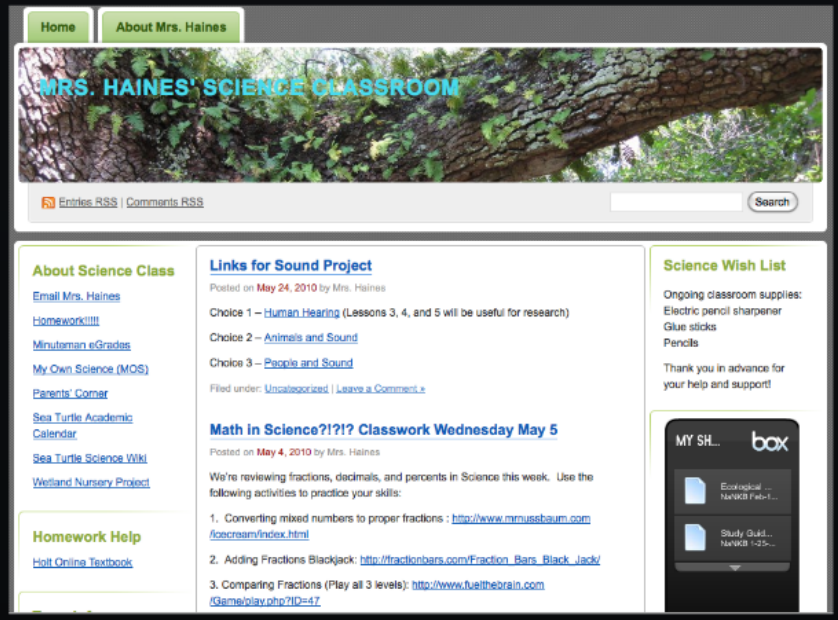
Blogs

edublogs

Blogger

WordPress



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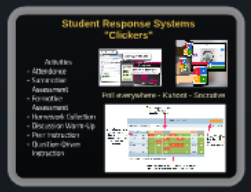

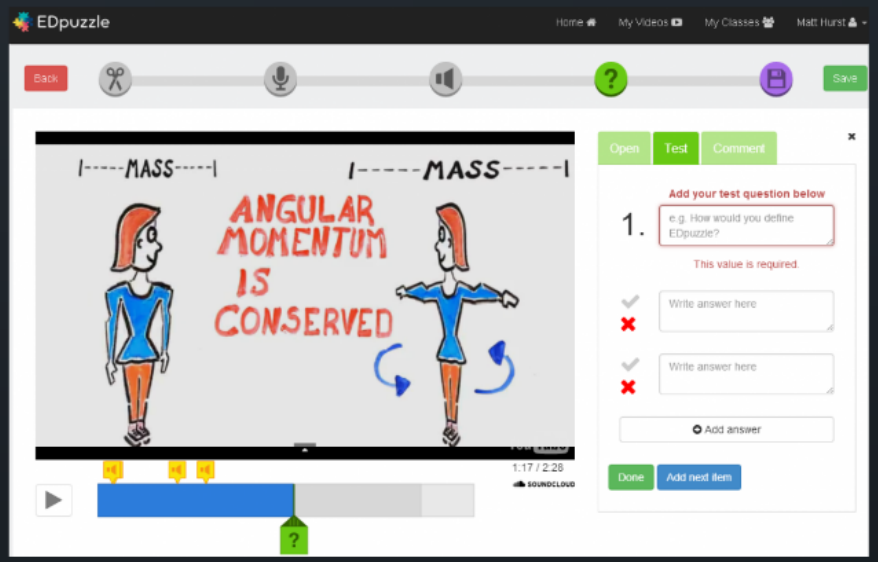

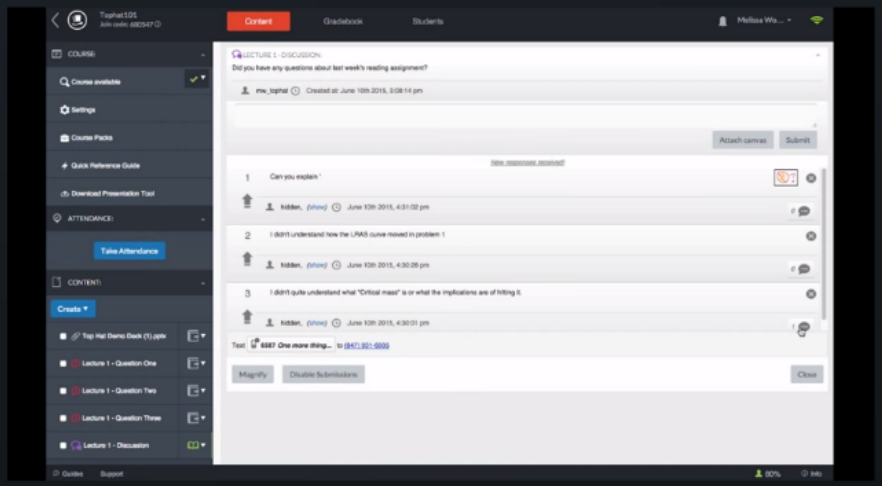

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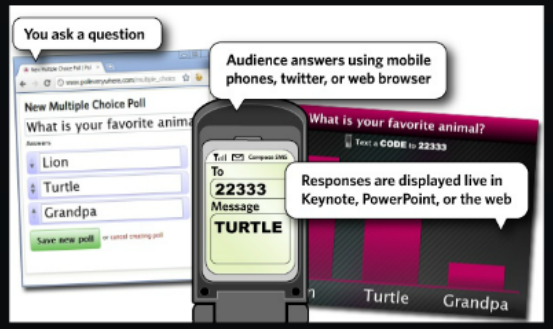
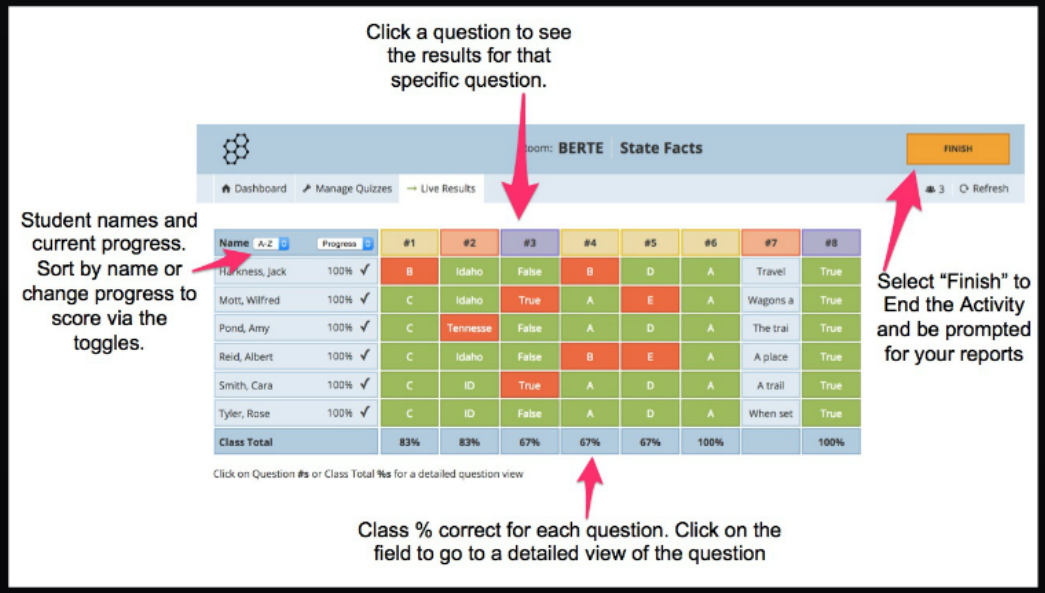
Student Response Systems "Clickers"

Activities

- Attendance
- Summative Assessment
- Formative Assessment
- Homework Collection
- Discussion Warm-Up
- Peer Instruction
- Question-Driven Instruction



Poll everywhere - Kahoot - Socrative



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Online Tools available to:

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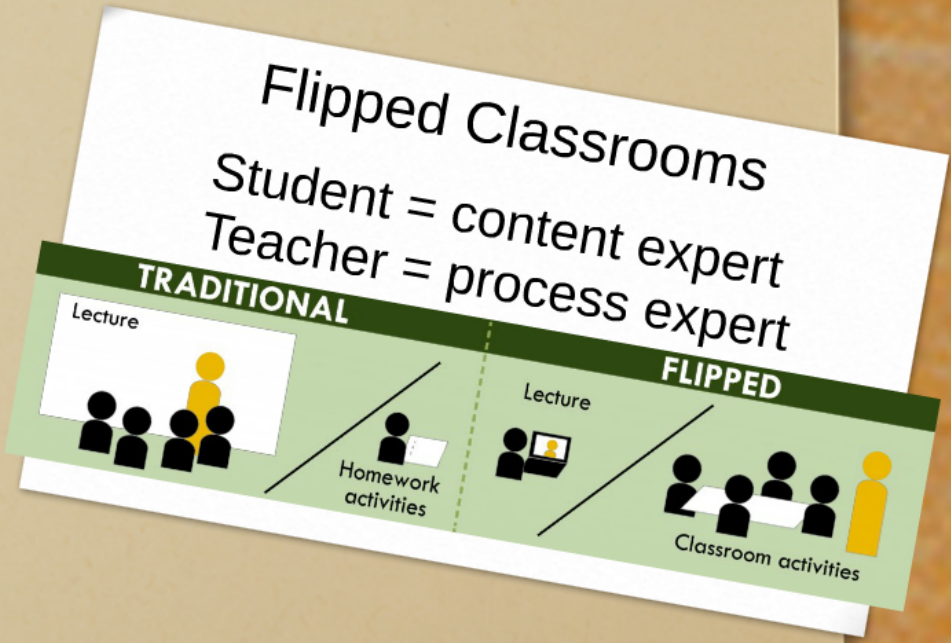
Implementation

Technology enhances communication between student and teacher.

More opportunities for:

- feedback
- reflection
- revision



Where did you get that information?

How do you know it's accurate?

Follow-up questions extend student thinking and connect ideas to evidence.

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References

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