Engaging Strategies with Technology
Presenters

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AI, IST
W200, W410, W435

AI, IST
W200, W220
What is student engagement?
Engaged students are...

- Attentive
- Curious
- Interested
- Optimistic
- Passionate
- Motivated to learn
- Actively involved in the learning process
“When teachers use strategies designed to capture students’ attention and actively involve them in the learning process, student achievement soars.”

(Kampen, 2020)
What are different strategies for engaging students?
To engage students Use a technology tool that...

Encourages student interest in the topic.
Makes it easier for students to pay attention to the topic.
Provides opportunities for students to work collaboratively in teams to solve a problem.
Is purposeful and directly related to learning.
Technology tools that are engaging include...

Interactive Presentations
Collaboration Apps
Video Tools
Online Quizzes
Providing Student Choice
And more
Interactive Presentation Tools
Nearpod

Used for creating and delivering interactive presentations that include formative assessment elements.

Encourages students active participation in lectures.
Why we find it engaging?

With a lot of different activities it allows students to engage in a variety of ways.

Builds a classroom community through gamification which adds some fun as well as a little competition to the classroom.

The collaborative boards help to prime classroom discussions by providing students a space to work together to brainstorm ideas, reflect on a topic, or share experiences.
Similar to Nearpod it is used to create and deliver interactive presentations and encourages real-time engagement with students. It has fewer interactive activities than Nearpod and does not have any collaborative activities.
Why we find it engaging?

A lot of the same reasons Nearpod is engaging
The Word Cloud feature is a fun way to visualize students' responses
Makes student interaction easier
Makes your lectures more engaging
Collaboration Apps
Google Jamboard

What is 9 in binary?

What are the characteristics of a good teacher (A+ teacher)? Decorate this sweatshirt with your one-two word descriptions.
Google Jamboard

Why we find it engaging?
- Students get to share their ideas
- Students can see each others replies displayed
- Great as discussion starter
- Can be used for team works
- Can be used as icebreaker activity
Padlet

You can use up to 3 free walls that can be in different design layout.
Save as pdf, image, print, etc.

You can reuse your walls, reset them (change format).

It is a great interactive wall were students can upload media (photos, video, audio, etc).
Why we find it engaging?

- Students can create and share their own content
- Students can have a dialogue with the other students
- Students can comment on each others posts
- Can engage students with the content even outside of the classroom
- Can be used for individual or group work
Video Tools
Flipgrid

Great to use for outside the classroom discussions. It creates equitable learning experience for those who are not always comfortable talking during the class.

Students use their voice to connect to what they learned.
Why we find it engaging?

Students are facilitators of the discussion
Students share their ideas
Discussions in the form of written or video comments
Promotes positive environment where students watch/listen to each other and give feedback
You can bring your guest speakers there for students to have meaningful video discussions
It allows you to create engaging video lessons. Easy to manage, add questions at any time of the video, and assign to your class.

Use your videos, find ones on Youtube.

Exciting: EdPuzzle in Canvas
Why we find it engaging?

Interactive videos
Students get engaged with the content
Students can ask questions
And many more
Screencasts

Students can screencast their assignments and reflect on their work.

Instructors can screencast responses to student work as well as explanations of class topics.

- Loom
- Screencastify
- Screencastomatic
- Kaltura
Why we find it engaging?

Helps to improve students' attention and retention of information when compared to text-based learning.
Available 24/7 giving students a choice when to learn.
Easy to review lessons
Students can watch at their own pace
Online Quizzes
Online Quizzes

Get students to reflect on what they know
Gives the instructor insights into students understanding

Quizlet
Quizizz
Kahoot
Google Forms
Why we find it engaging?

Encourage active engagement with the course materials

Improves learning and comprehension versus simple memorization

Low stakes and less stressful for students
Student Choice
AKA Differentiation
Provide students with a choice of assignments

When students have choices for completing an assignment it motivates and engages them because it allows them to:

- Take ownership of their learning
- Create a product that feels authentic to them
- Work on something that they’re good at creating, or try something they want to get better at
With eBooks, students can demonstrate their understanding of a topic using a narrative.

Adobe Spark
StoryJumper
BookCreator.com
With Infographics students can demonstrate their understanding of a topic by:

- Providing a quick overview
- Explaining a procedure
- Showing their data or findings
- Comparing and contrasting multiple options
Student’s showcase authentic work samples
Instructor can quickly assess growth and skills
The instructor may have some requirements on what to include but the student has control over how to present it

Common e-portfolio platforms include Wix and Weebly
What do you want to CREATE today?

5 Photo Story, InfoPic, Narrated Image, Audio Interview, SketchNote, Interactive Writing, Narrated Slideshow or Screencast, GeoMap, Quick Edit Video, Puppet Video, Green Screen Video, Digital Story, Animation or Game, eBook

Wes' Video Library – Learn More with Wes

Show with media
What other tools can you think of that are engage students in the learning process?
Thanks!

Ask us questions?
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StoryJumper
BookCreator.com
Canva
Venngage
Piktochart
Wix
Weebly
Show With Media