Technology vs. Innovation

Strategies for Building an Engaging Online Course

About Us

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Objectives

- Differentiate between technology and innovation

- Identify strategies for developing an innovative online course

- Explore a strategy to implement in your course

Group Activity

How are you being innovative in your classroom?

Technology vs Innovation

Framework

- Free to minimal cost tools

- Minimal learning curve

- Available in most LMS

- Minimal to high cost

- Learning curve may be required

- License may be required

Is it Meaningful?

Meaningful technology

- Tableau
- VoiceThread
- PlayPosit
- Facebook & Instagram
- Yellowdig
- Screencast-O-Matic
- Adaptive Release

Add the Human Element

Add the Human Element

Announcements

Discussion Forum

Email

Add the Human Element

Announcements

- Add text or video announcements to prepare students for upcoming week

- Share links to articles, videos, podcasts

Discussion Forum

- Create a non graded forum for students to share links and resources

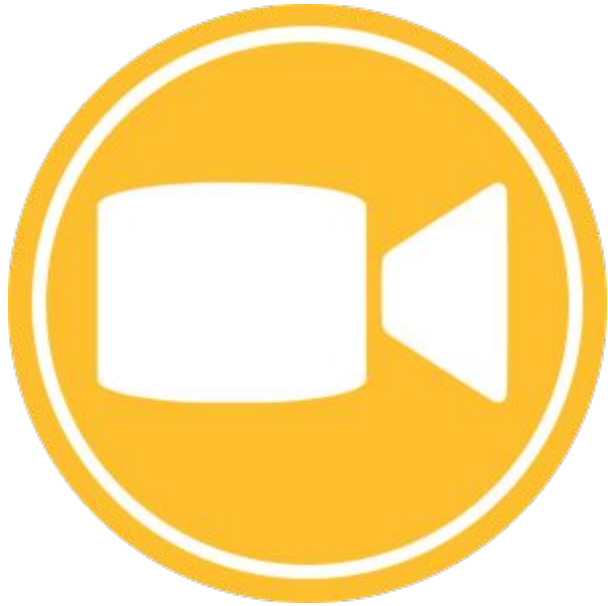- Create a forum for students to introduce themselves

Email

- Send students individual emails to compliment their work or comment on their progress

Add the Human Element

Videos

Social Media

Third-Party Tools

Add the Human Element

Add the Human Element

VoiceThread

- Student comment on VoiceThread via text, audio, or video to introduce themselves

- Students create their own introduction via VoiceThread

YellowDig

- Students can write a bio and add images to introduce themselves

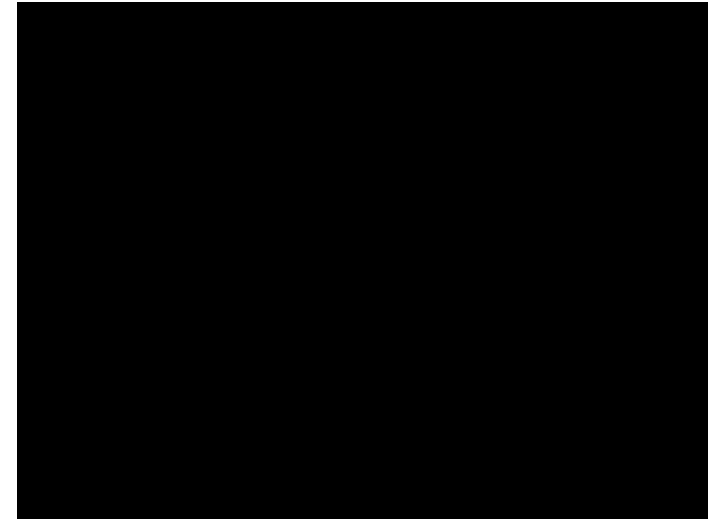- Students can comment on other students pins

Add the Human Element

Meet Your
Instructor Video

BIO112
Dr. Zachary Shaffer

Weekly Intro
Lectures

End-of-Course
Q&A Lecture

Make it Relevant

Make it Relevant

Make it Relevant

Assign reflections

Create "real-world" deliverables

Contextualize problems or events

Make it Relevant

Assign reflections on students' learning

Review this week's assigned readings.

Write a blog post of at least 300 words in which you complete the following:

- Summarize, reflect upon, and critique the week's readings. Note that you do not need to address each reading. Rather, discuss 1 or 2 that you found most interesting or provocative.
- Draw connections between the readings and your current or past work, your field placement, volunteer experiences, or other life experiences.

Make it Relevant

Create "real-world" deliverables using scenario or case study

Imagine you work for a hospital where the rate of post-surgery infections has been increasing. You have been tasked with creating a job aid that will help surgeons, nurses, and other operating-room staff remember best practices for preventing infection.

Create a surgical-safety job aid, such as a checklist, using Microsoft Word or another tool of your choice. The job aid must include the steps that need to be following in the following phases:

- Before induction of anesthesia
- Before skin incision
- Before the patient leaves the operating room
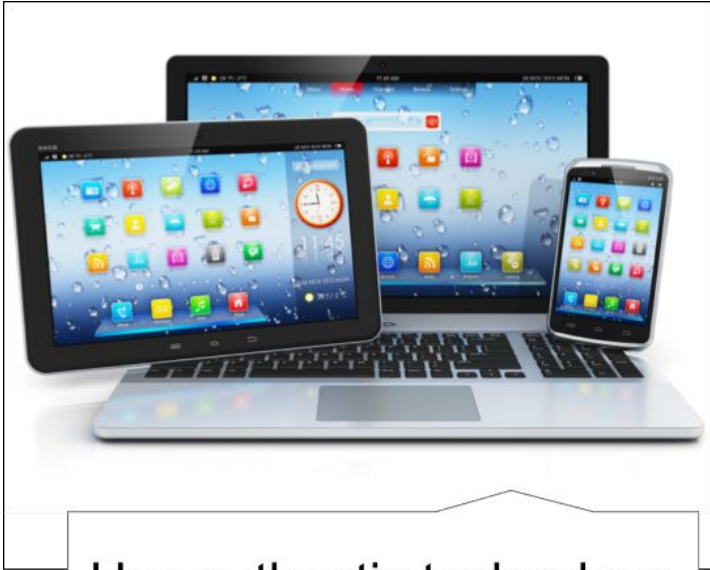
Make it Relevant

Contextualize problems or events

Write a 700- to 1,050-word paper on the major lessons you think citizens of the United States could learn from the Pax Romana.

Include the following information in your paper:

- The events that led to the beginning of the Pax Romana
- How Roman society benefitted from the period
- What led to the end of the Pax Romana
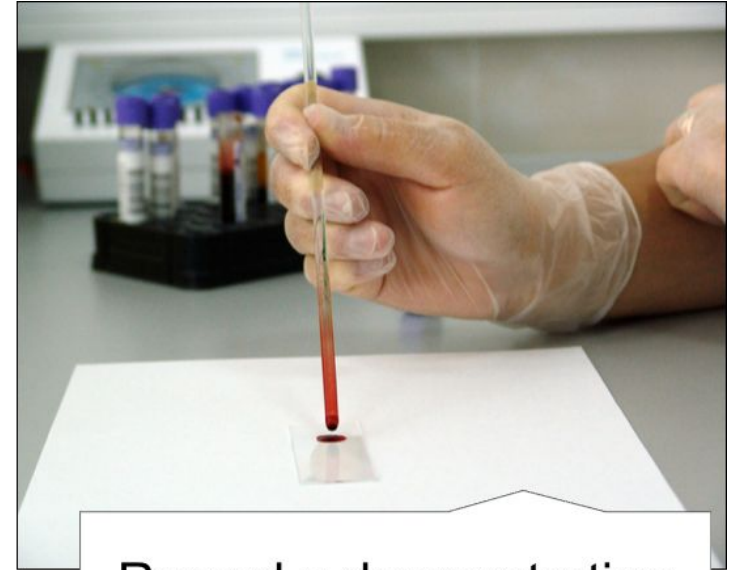- How the preceding topics are relevant to modern society

Make it Relevant

Use authentic technology tools

Develop a portfolio

Record a demonstration

Use authentic technology tools

Consider the following: As a classroom teacher, you are responsible for communicating with parents about events at the school, what you're currently working on in the classroom, upcoming events (such as field trips), and so on.

Use a tool of your choice, such as Google Sites or WordPress, to create a website that would be appropriate for communicating with parents.

Include areas where parents can:

- Access homework instructions for the week
- See upcoming class and school events and access permission slips
- Download your class newsletter and the school's newsletter
- Access any additional information you think is important

Submit a link to your website to the Week 3 discussion forum.

Make it Relevant

Develop a portfolio

Throughout this course, you will build a professional portfolio that will showcase your work and that you could share with a potential employer.

Complete the following this week:

- Choose the tool you would like to use you develop your portfolio. Suggestions include WordPress, Wix, and Google Sites.
- Create a homepage that includes a welcome statement and your personal mission statement.
- Create a section for each of the following (you will fill these sections out in future weeks):
  - A section for your resume
  - A section with your contact information (*Note.* For this class, only include your name and school e-mail address)
  - A section where you can upload or embed your assignment for each week

Submit a link to your webpage to the Week 1 discussion forum for peer review.

Make it Relevant

Record a demonstration

Review the steps you need to complete for the experiment on page 123 of your textbook.

Record yourself performing the experiment using the Practice tool.

Review the demonstration videos posted by your teammates in Practice and offer feedback on what they did well and what they could improve.

Review the critiques posted to your video and complete the self-reflection in Practice.

Ask for Student Feedback

- Survey feature in LMS
- Create an assignment or discussion forum at the beginning of the term to discover what interests students
- "Ticket out the door" - Ask students to write a post
- Google Forms

- Poll Everywhere
- Rating tools
- Have students create video or audio feedback
- Create a rubric based on your class and have the students evaluate you like you would an assignment

Get Them Collaborating

Get Them Collaborating

Create smaller groups for discussions

Create professional learning communities using groups

Set up peer reviews using groups tool

Create problem-based learning opportunities

Build class resources using wiki tool

Get Them Collaborating

Collaborate on a project using Google Meet and Google Docs

Create Google Forms for peer review assignments

Create auto-graded discussions using Yellowdig

Have students create group presentations using VoiceThread

Set up class debates using VoiceThread or YouTube

Group Activity

Workshop an activity or assignment

Conclusion