

What Are 5 Easy-to-use Technologies That Have a Big Impact on Learning in the Online Classroom?

Presented by:

B. Jean Mandernach, PhD

Executive Director, Center for Innovation in Research and Teaching,
Grand Canyon University

B. Jean Mandernach is an active presenter and consultant in the field of online education. She explores strategies for integrating efficient online instruction in a manner that maximizes student learning, satisfaction, and engagement. In addition, she has interests in the development of effective faculty evaluation models, perception of online degrees, data analytics, and faculty workload considerations.



©2020 Magna Publications Inc.

All rights reserved. It is unlawful to duplicate, transfer, or transmit this program in any manner without written consent from Magna Publications. The information contained in this program is for professional development purposes but does not substitute for legal advice. Specific legal advice should be discussed with a professional attorney. To make this program available to all your faculty and staff, contact Magna's Customer Service department at 1-800-433-0499 Ext. 2 and ask about our Campus Access License.

EdPuzzle

edpuzzle.com/

Customize videos with annotations and questions



Value:

- Increase engagement with videos
- Embed comments to guide attention
- Check understanding
- Focus attention
- Monitor time-on-task with videos

Online Teaching Ideas:

- Create quizzes within videos
- Design a syllabus screencast and embed questions to ensure that students understand key course requirements
- Assignment in which students annotate a video; require them to embed comments and ideas at appropriate points within a video
- Provide a guided video lecture in which you add insights, connections and applications to existing online videos
- Assign students to find videos that are relevant to course material and embed questions in the video that relate the video to course concepts

Resource Materials:

- How to Teach Remotely with EdPuzzle; <https://www.youtube.com/watch?v=8IOFV0djfJA>
- EdPuzzle: Make Any Video Your Lesson; <https://application.reimagine-education.com/the-winners-individual/2015/85/0b62f9ec5c6abed919751f4fed584883/EDpuzzle>
- How Can I Use EdPuzzle with My College Students or Adult Learners?; <https://support.edpuzzle.com/hc/en-us/articles/360012375851-How-can-I-use-Edpuzzle-with-my-college-students-or-adult-learners->
- EdPuzzle: Online Professional Development; <https://go.edpuzzle.com/OnlinePD/>
- EdPuzzle: A Game Changer App for Creating Online Courses; <https://www.youtube.com/watch?v=HHwV224dyMQ>
- EdPuzzle: Online Tools for Teaching and Learning; <https://blogs.umass.edu/onlinetools/assessment-centered-tools/edpuzzle/>
- Teaching Interactive Videos Thanks to EdPuzzle; <https://www.profweb.ca/en/publications/real-life-stories/teaching-with-interactive-videos-thanks-to-edpuzzle>
- EdPuzzle + Screencastify; <http://usingeducationaltechnology.com/tag/edpuzzle/>
- EdPuzzle: Create, Assign, and Track Video Homework; <https://englishteaching101.com/how-to-use-edpuzzle/>

Loom



www.loom.com/

Record video and/or screencast; send video messages

Value:

- Enhance information sharing
- Present information
- Personalize learning
- Humanize online learning
- Communicate efficiently

Online Teaching Ideas:

- Send video messages in place of email
- Provide video or screencast feedback to student assignments
- Create screencast demonstrations of online activities
- Create lecture videos
- Students can submit video presentations in place of traditional written assignments
- Students can create video journals to document learning experiences

Resource Materials:

- Loom for Education; <https://www.loom.com/education>
- Creating Simple Teaching Videos with Loom; <https://classteaching.wordpress.com/2020/03/23/creating-simple-teaching-videos-with-loom/>
- How to Use Loom and Record Your Lesson for Remote and Online Learning; <https://www.youtube.com/watch?v=11pfvBNsXkA>
- Teach with Video Using Loom; https://www.youtube.com/watch?v=8U82_mJ0ER4
- Using Loom in the Classroom; <https://www.youtube.com/watch?v=Y6yHozSgk-E>
- 3 Ways to Use Loom for Distance Learning; <https://www.ateachableteacher.com/use-loom-distance-learning/>
- Loom: Online Tools for Teaching and Learning; <https://blogs.umass.edu/onlinetools/learner-centered-tools/loom/>
- Loom: Bring Learning Alive with Screencasting in the Classroom; <http://www.kathleenamorris.com/2019/04/10/loom-screencast/>

PearDeck

www.peardeck.com/

Create interactive activities and formative assessments within presentations



Value:

- Increase student engagement
- Provide feedback
- Gauge understanding
- Enhance interaction with material
- Encourage information review

Online Teaching Ideas:

- Embed questions in Google Slides for students to respond to
- Conduct live formative assessments during synchronous learning sessions
- Provide quizzes embedded within your presentations
- Add audio to slides; create assignments in which students add audio to their Google Slides
- Create student-paced, interactive online learning modules

Resource Materials:

- How to Teach a Remote Lesson with PearDeck; <https://help.peardeck.com/how-to-teach-a-remote-lesson-with-pear-deck>
- 20 Ways to Use PearDeck to Engage Students; <https://ditchthattextbook.com/20-ways-to-use-pear-deck-to-engage-students/>
- Increased Engagement using PearDeck with Distance Learning; <https://www.youtube.com/watch?v=hG6qDUheKOU>
- PearDeck: Remote Learning Resources; <https://www.peardeck.com/remote-learning>
- Using PearDeck for Remote Learning; <https://www.youtube.com/watch?v=sLPoz81IzY>
- PearDeck+Google Meet for eLearning; <https://www.youtube.com/watch?v=QGHteYvRcZU>
- Keeping Classrooms Connected with PearDeck; <https://www.peardeck.com/pear-deck-blog/2020/3/4/keeping-classrooms-connected-with-pear-deck>
- Teach Math Remotely Using PearDeck; <https://alicekeeler.com/2020/03/22/teach-math-remotely-with-pear-deck/>
- Ideas for Using PearDeck in the Classroom; <https://www.hollyclark.org/2020/05/01/ideas-for-using-pear-deck-in-the-classroom/>
- What is PearDeck?; <https://www.southalabama.edu/departments/ilc/peardeck.html>

Hypothes.is

web.hypothes.is/

Annotate anything on the Internet



Value:

- Assess understanding
- Enhance peer-to-peer collaboration
- Promote information literacy
- Foster critical thinking
- Increase ability to ask questions

Online Teaching Ideas:

- Student assignment to critique journal articles directly on the online document
- Students can annotate assigned readings
- Create group projects to annotate websites as an information literacy project
- Embed questions in online document or website for students to answer while reading
- Provide questions, comments, and thoughts on online course readings
- Engage students in active learning by annotating lecture notes during synchronous sessions

Resource Materials:

- Hypothes.is for Education; <https://web.hypothes.is/education/>
- Digital Annotation for Learning and Scholarship;
<http://digitallearning.middcreate.net/annotation/hypothes-is/>
- What is Hypothes.is and How Can It Be Used to Annotate the Web for Learning?;
<http://www.teachology.ca/knowledgebase/what-is-hypothes-is-and-how-can-it-be-used-to-annotate-the-web-for-learning/>
- Hypothes.is and Canvas; <https://canvas.northwestern.edu/courses/1580/pages/hypothesis>
- Hypothes.is: The Web That Was Meant To Be; <https://geoffcain.com/blog/hypothes-is-the-web-that-was-meant-to-be/>
- How to Use Hypothes.is; <https://wp.nyu.edu/digitalgallatin/portfolio/how-to-use-hypothesis/>
- Take Effective Notes on Online Readings;
<https://pressbooks.bccampus.ca/learningtolearnonline/chapter/take-effective-notes-on-online-readings/>
- Using Hypothes.is for Assigned Readings; https://www.naher-osten.uni-muenchen.de/personen/wiss_ma/gibson/e-learning/using-hypothesis-for-readings.pdf
- Private Online Research and Discussion Using Hypothes.is Groups;
<https://wiobyne.com/hypothesis-groups/>

FlipGrid

info.flipgrid.com/

Facilitate engaging video discussions



Value:

- Personalize learning experience
- Encourage networking
- Engage students in learning experience
- Foster critical and personal reflection
- Enhance efficiency of instruction

Online Teaching Ideas:

- Use as the “introductions” discussion board to personalize initial introductions to the class
- Integrate into experiential learning classes for students to share vlogs of their activities
- Create “show and tell” activities in which students share demonstrations, performances, or presentations
- Practice conversation, language or oral presentation skills
- Video reaction assignment in which students pick a concept from the module that they want to learn more about; they share what they learned via video
- Create a fliphunt scavenger hunt

Resource Materials:

- 50+ Ways to Use FlipGrid in your Class; <https://ditchthattextbook.com/catch-the-flipgrid-fever-15-ways-to-use-flipgrid-in-your-class/>
- Using FlipGrid to Increase Students’ Connectedness in an Online Class; <https://elearnmag.acm.org/archive.cfm?aid=3236703>
- How to Teach Remotely with FlipGrid; <https://www.youtube.com/watch?v=aLzX13jw7bw>
- 9 New Ways to Use FlipGrid in the Classroom; <https://www.edutopia.org/article/9-new-ways-use-flipgrid-classroom>
- FlipGrid: Online Tools for Teaching and Learning; <https://blogs.umass.edu/onlinetools/community-centered-tools/flipgrid/>
- Remote Learning in Higher Education with FlipGrid; <http://blog.flipgrid.com/news/highered>
- Engaging Students Using FlipGrid; <https://teachinginhighered.com/podcast/engaging-students-using-flipgrid/>
- 40 Ideas for Using FlipGrid in the Classroom; <https://www.teachthought.com/technology/ideas-ways-to-use-flipgrid-in-the-classroom/>
- Adding Adventure to Instruction by Using a Fliphunt; <https://blog.tcea.org/fliphunt>
- Spark Student Communication with FlipGrid; <https://iteachu.uaf.edu/flipgrid/>

Questions for Further Discussion

- What challenges do you face in the online classroom that technology may help with?
- What do you see as the unique value of using screencasts for online teaching?
- How can you use technology to humanize and personalize the online learning experience? more effectively
- What impact do you think the integration of videos can have on your students' online learning experience?
- How can you use technology to maximize active learning and engagement in the online classroom?
- What are some good video sources for curating online video content to annotate for your online classroom?
- What kind of interactivity best promotes student engagement within a content presentation?
- How can you use screencasts to enhance your online teaching?
- What kinds of online resources do you use in your online classroom? How might you be able to increase student engagement with these materials using annotation?
- How can you integrate technology into your online classroom to promote peer-to-peer collaboration?