Distance Learning Technology and Learning Apps

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September 21, 2020
Overview

Guiding principles for learning apps and technology

Learning apps
  EdPuzzle, Flipgrid, Kahoot, Quizizz
  Notes: Nearpod, Peardeck, Biteable
  Polling apps: Mentimenter, Sli.do, Poll Everywhere

Learning Management Systems
  Canvas
  Google Classroom
  Blackboard, Schoology, Microsoft Teams

Worksheets and Handouts
Some guiding principles when using learning apps and tech enhancements

Pedagogy first
   How will this tool enhance learning or help learners achieve the learning objectives?

Keep things simple
   For you, for your classroom teachers, and the learners
   Limit the number of tools you use

For youth - follow the classroom teacher’s lead
   Use tools they’re using

Check in with teachers about school policy
   Is use of the tool covered under the school’s policy or does it require parental permission?
Introducing New Tools and Apps

Start off with simple activities
  Goal is to familiarize learners with the features
Have guides or help resources handy
Be patient – technical difficulties happen
Have a back-up plan
Learning Apps
Learning Apps

How to set up an activity
How to share the activity
  With teachers
  With adult participants
Possible applications for the app
Use the link in the chat to see an EdPuzzle in action
EdPuzzle

https://edpuzzle.com

Add questions to videos

Basic (free) account allows up to 20 videos

- Can increase number by referring others

Integrates with Google Classroom, Canvas, Blackboard, Schoology

Can share a link that allows teachers to copy the video

Can create an open class that doesn’t require learners to create accounts
Possible EdPuzzle Applications

Break up longer videos to increase engagement

Flipped classroom
  Students complete EdPuzzle assignment, which is then discussed in a live session

Introduce concepts

Review or reinforce concepts
Flipgrid

https://info.flipgrid.com

Free

Discussion topics, students participate with short videos
  Unique join code shared with students

Students can log in with either:
  Email (limited to school domain)
  Unique usernames created by the teacher

Guest access
  Allows guests to join a topic (such as parents)
Possible Flipgrid Applications

Introduce a new topic
   Explain what you know about ______.

Discussion to help reinforce concepts
   What was the most important or interesting thing you learned in this week’s lesson?

Lesson activity
   Create a short commercial advertising a fruit or vegetable.
Kahoot!

https://kahoot.com

Basic ‘K-12’ account – 100 players
Basic ‘higher ed’ account – 50 players
Live quiz: questions displayed on screen, students answer on device
Challenges (student-paced): questions and answer choices displayed on same screen
Question Types – limit 100 questions total
  Multiple choice – 1 answer
  True or False – 1 answer
Quizizz

https://quizizz.com/
Basic ‘for school’ account – 100 players
Live quiz/lesson:
  Classic (self-paced) or Instructor paced
  or
Assign homework
No limit to # of questions
Integrates with Google Classroom
Possible Kahoot! or Quizizz Applications

Checking for understanding
  Short quiz at the end of a lesson

Assess level of knowledge
  Start off a lesson with a quiz to gauge where learners are at

Incentive
  Trivia game if all students complete task
NearPod

Student engagement platform that allows the creation of interactive lessons with a combination of slides and activities
Notes on Nearpod, Peardeck, Biteable, Canva

Nearpod

Demo webinar – *What’s Up?* July 30, 2020
Nearpod Camp Engage! recordings
https://docs.google.com/document/d/1elxgxfU2ZJPPjKurriZOGIOJW-ZLKRGuABDI4g8Lh94/preview

* A note about Peardeck

Biteable demo – *What’s Up?* May 6, 2020

Canva demo – *What’s Up?* April 23, 2020
Polling apps – free accounts

**Mentimeter**
- unlimited participants
- 2 questions per ‘presentation’
- 5 questions per Quiz

**Sli.do**
- 100 participants
- 3 poll Q’s per event
- 1 quiz per event

**Poll Everywhere**
- 40 participants (K-12)
- Unlimited ‘activities’ (questions)
- More question types

https://www.mentimeter.com/plans

https://www.sli.do/pricing?plan=annual

https://www.polleverywhere.com/plans/k-12/
Mentimeter

Max 2 questions per ‘presentation’
Quiz Competition – max 5 Q’s
Present using code (different code per presentation)
Can present consecutive Q’s
Mobile friendly
Share link
QR code
Sli.do

Max 3 poll Q’s per ‘event’ + 1 quiz (up to 30 multiple-choice questions)

Audience Q&A

Max. event duration 1 week

Present - using event code (different code per event)

Can present consecutive Q’s

Mobile friendly

Share link

QR code
Poll Everywhere

Unlimited # of ‘activities’ – each question is a separate ‘activity’
Poll Everywhere

Present: ‘Activate’ questions
Web voting: mobile-friendly
Text message voting

Note: don’t forget to deactivate!

Survey – response can be self-paced

Your response page
Same page used for all activities
Possible Live Polling Applications

Warm-up Activities
Assess level of knowledge
  Start off a lesson with a quiz to gauge where learners are at
Opinion polls
Gather Q&A
Small group discussion – record responses
Check for understanding
  Quiz or ‘rate your understanding’
How likely is it you will use (now or in future):

<table>
<thead>
<tr>
<th>Definitely will not</th>
<th>Definitely will</th>
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<tbody>
<tr>
<td>EdPuzzle</td>
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More learning app resources

Click-12 webinar series [https://cpe.fiu.edu/click12/](https://cpe.fiu.edu/click12/)
Florida International University

Common Sense Education – Ed Tech reviews [https://www.commonsense.org/education/search?contentType=reviews](https://www.commonsense.org/education/search?contentType=reviews)
Learning Management Systems
Learning Management Systems (LMS)

Usual components of LMS:
Assignments, tests
Class roster, attendance
Announcements, calendar
Gradebook
Canvas

https://canvas.instructure.com/

Canvas Free for Teacher

Share content with teacher: Google Drive, Box, Office 365
   Require that these are added as apps

Built in web conferencing: BigBlueButton

Can use other web conferences, such as Zoom

Great resources for adult educators who would like to use an LMS
   Learners require an email address to sign up
Google Classroom

https://classroom.google.com

Google Suite for Education

Google Suite Enterprise for Education

Share content with teacher: Google Drive

Google Meet – web conferencing
  Teacher able to invite a guest
  Some schools may use Zoom instead
Quick Tip about Google Meet

Link provided for students in Google Classroom will not allow those outside the organization to join.

Instead, need to be invited in the Meet event by:
- Sharing the joining info
- Clicking “Add people” when joining the meeting
- Inviting after the meeting has begun through “Add people”
Blackboard

Blackboard K-12 [https://www.blackboard.com/industries/k-12](https://www.blackboard.com/industries/k-12)

Blackboard Learn – LMS
Share content with teacher: Google folder, One Drive, Box

Blackboard Collaborate – web conferencing
Teacher may be able to send guest link – check with teacher
Ask if teacher can promote you to ‘presenter’
Presenter can: screen share, polls, whiteboard, share files
Schoology

Schoology LMS
   Integrates with Google and Microsoft apps
   Share content with teacher: G-drive, One Drive

No built-in web conferencing platform
   Ask teacher about platform used – likely Zoom
Microsoft Teams for Education

LMS – Microsoft Teams secure platform
Share content with teacher – One Drive or G-drive
Web conferencing – ‘Meet’ function in Teams
Access limited to school district staff/students
Ask teacher to request district e-mail
IF you can join: screen share, whiteboard, chat available
Ask teacher – if you would be permitted to schedule Zoom
Zoom notes

Security and privacy settings

Are students/participants able to download the Zoom app?

Zoom Security and Privacy – in UCCE Online Education Resources

Part 1 – Web Portal settings

Part 2 – In-Meeting tools
Worksheets and Handouts
How do you plan to provide handouts and worksheets to students for distance learning?

- Printed copies
- Pdf documents
- Pdf fillable forms
- Virtual worksheets
- Not sure yet
- Other – please chat
Worksheets and Handouts

Printed handout packets - **Share in chat**
- How will the school distribute?
- How students will submit?

Blank paper – demonstrate activity on blank paper
Worksheets and Handouts

Alternatives to print worksheets

Check in with online curriculum work groups and state office

*Let’s all share!*

What is the worksheet’s purpose?

Is there an alternative way to conduct the activity?

Fillable pdf

*Available for Eatfit and Up4it!*

Time and skill needed to create fillable pdf

Can students/participants open and save pdf documents?

Contact ANR IT for a license for Adobe Acrobat DC Pro
Virtual Worksheets and Handouts

Google Slides
- Monica Drazba: My Amazing Body Lesson 1 Retell
- Sue Lafferty: Good for Me and You Lesson 4 Activity
- Melissa Rorabough: It's My Choice Lesson 1 Activity
- Nicole Ogosi: TWIGS worksheets

Google Forms

Kami: https://www.kamiapp.com/
- Ask if the teacher is using this app
Poll

Are you interested in participating in a ‘how-to’ webinar about creating virtual worksheets?