

Distance Learning Technology and Learning Apps

EFNEP and CFHL, UC Staff

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UNIVERSITY OF CALIFORNIA
Agriculture and Natural Resources

Overview

Guiding principles for learning apps and technology

Learning apps

EdPuzzle, Flipgrid, Kahoot, Quizizz

Notes: Nearpod, Peardeck, Biteable

Polling apps: Mentimeter, 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

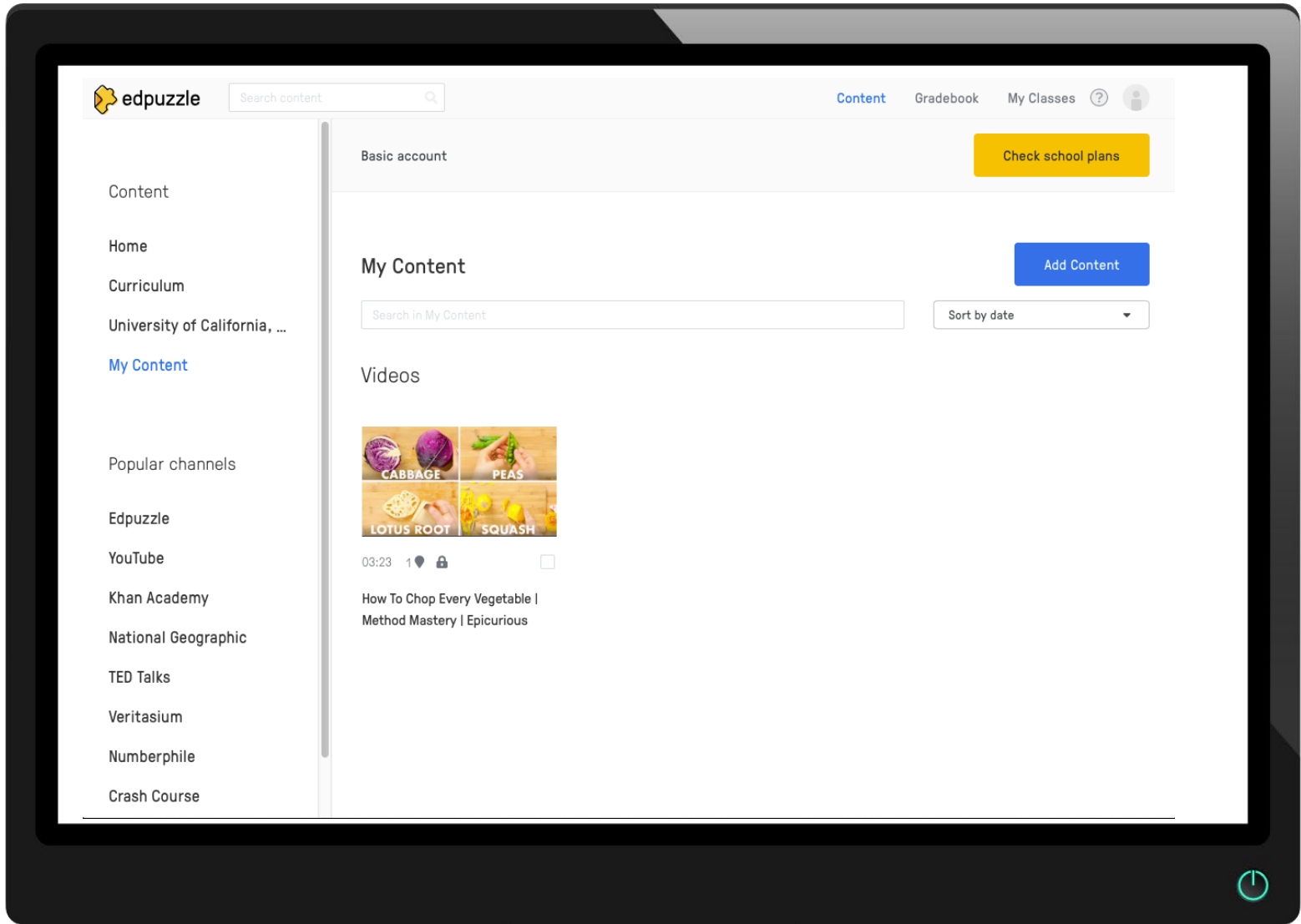
How to share the activity

With teachers

With adult participants

Possible applications for the app







Use the link in the chat to see an EdPuzzle in action

A screenshot of an EdPuzzle video player. The player shows a video titled "Drink In Flavor, Not Sugar | CalFresh Healthy Living" by Anna Jones. The video content shows a young boy in a yellow and white baseball-style shirt and a yellow headband, looking directly at the camera in a kitchen setting. The player interface includes a play button, a progress bar at 00:00, a volume icon, and a full-screen icon. The YouTube logo is visible in the bottom right corner of the video frame.

EdPuzzle

<https://edpuzzle.com>

Add questions to videos

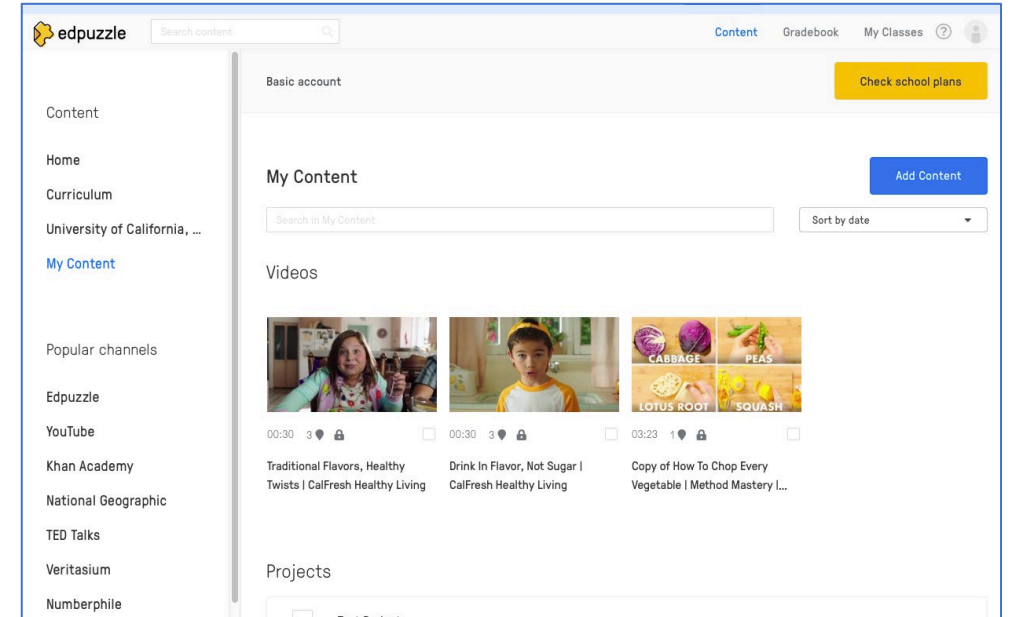
Basic (free) account allows up to 20 videos

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

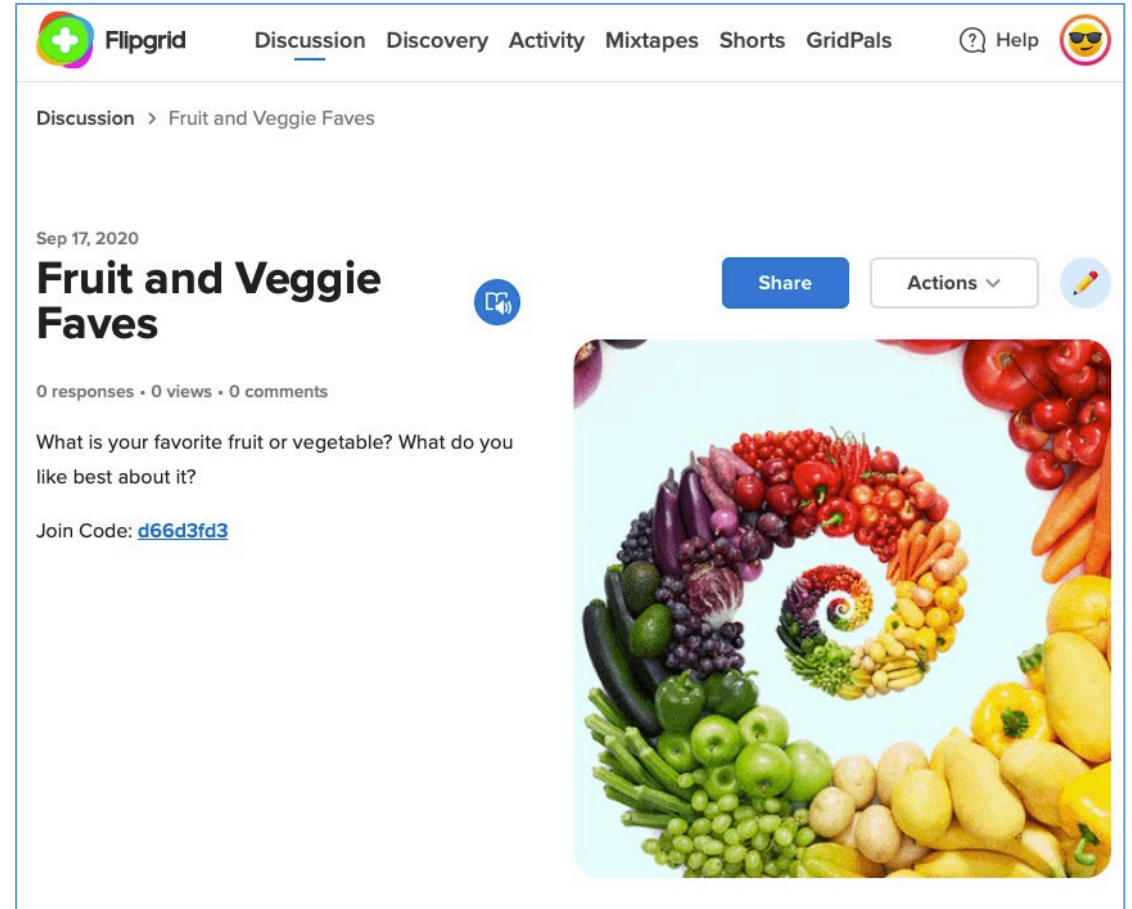
Students can log in with either:

Email (limited to school domain)

Unique usernames created by the teacher

Guest access

Allows guests to join a topic (such as parents)



The screenshot shows a Flipgrid discussion page. At the top, the Flipgrid logo is on the left, and navigation links for Discussion, Discovery, Activity, Mixtapes, Shorts, and GridPals are in the center. A Help icon is on the right. Below the navigation, the page title is 'Discussion > Fruit and Veggie Faves'. The date 'Sep 17, 2020' is displayed. The main title 'Fruit and Veggie Faves' is in large, bold letters. To the right of the title are 'Share' and 'Actions' buttons. Below the title, it says '0 responses • 0 views • 0 comments'. The question 'What is your favorite fruit or vegetable? What do you like best about it?' is followed by the join code 'd66d3fd3'. On the right side of the page, there is a large image of various fruits and vegetables arranged in a spiral pattern.

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

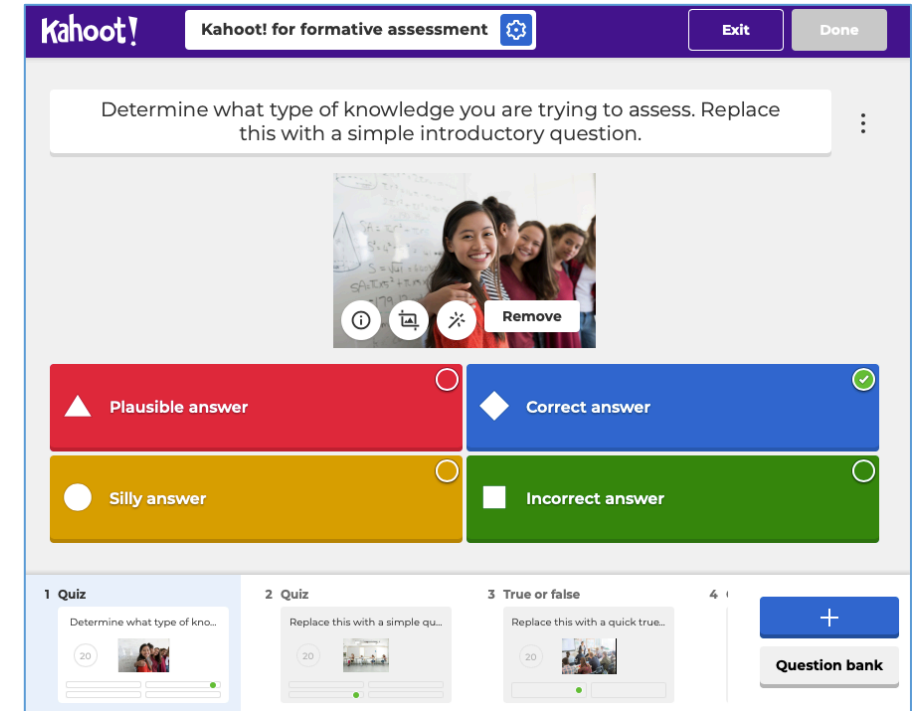
Live quiz: questions displayed on screen,
students answer on device

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



Multiple Choice



Checkbox



Fill-in-the-Blank



Poll



Open-Ended



Slide new
create a lesson

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

<https://www.mentimeter.com/plans>

Sli.do

100 participants
3 poll Q's per event
1 quiz per event

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

Poll Everywhere

40 participants (K-12)
Unlimited 'activities'
(questions)
More question types

<https://www.polleverywhere.com/plans/k-12/>

Mentimeter

Max 2 questions per
'presentation'

Quiz Competition – max 5 Q's

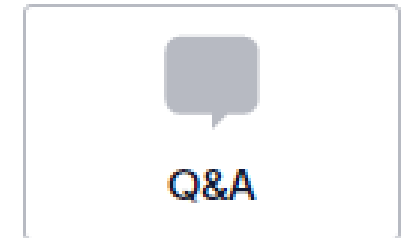
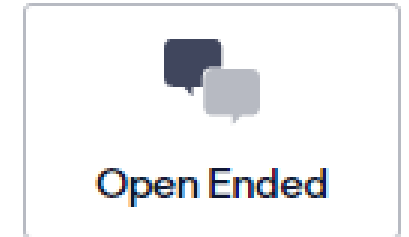
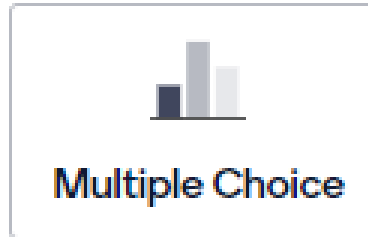
Present using code (different
code per presentation)

Can present consecutive Q's

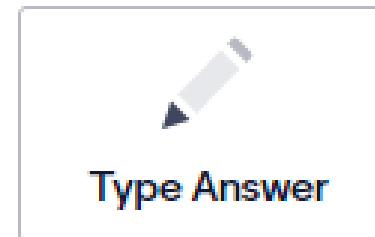
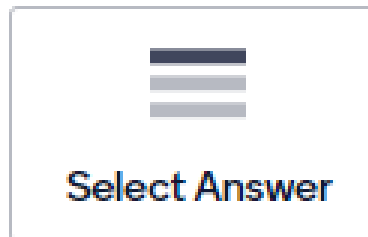
Mobile friendly

Share link

QR code



Quiz Competition ?



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

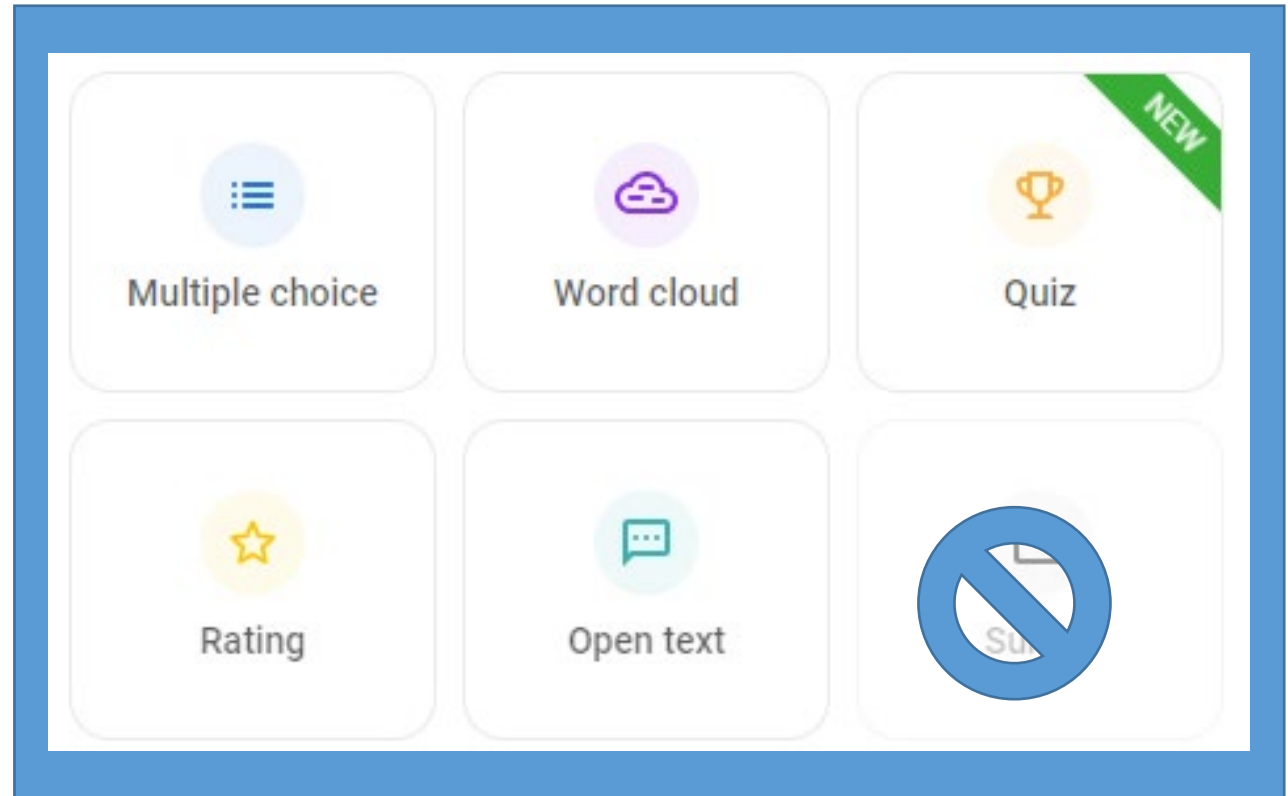
Present - using event code
(different code per event)

Can present consecutive Q's

Mobile friendly

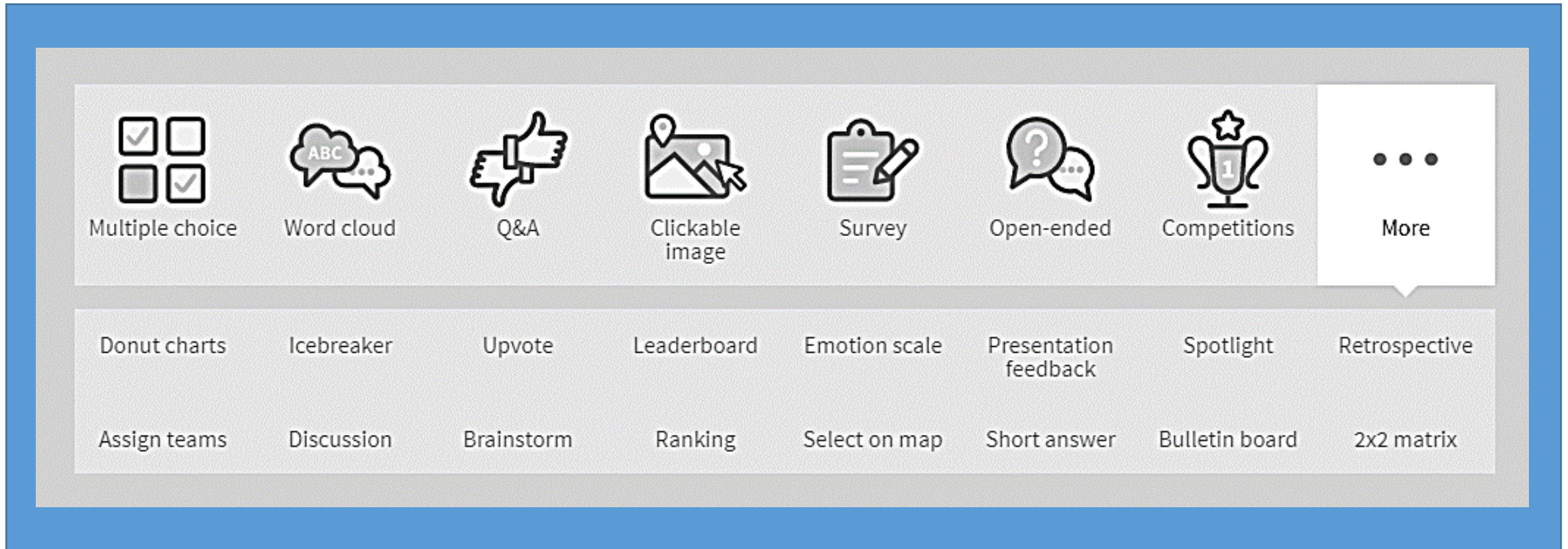
Share link

QR code











Poll Everywhere

Unlimited # of 'activities' – each question is a separate 'activity'



The screenshot displays a grid of 24 activity options for Poll Everywhere, arranged in three rows and eight columns. The first row includes icons for Multiple choice, Word cloud, Q&A, Clickable image, Survey, Open-ended, and Competitions, followed by a 'More' button with three dots. The second row lists Donut charts, Icebreaker, Upvote, Leaderboard, Emotion scale, Presentation feedback, Spotlight, and Retrospective. The third row lists Assign teams, Discussion, Brainstorm, Ranking, Select on map, Short answer, Bulletin board, and 2x2 matrix.

| | | | | | | | |
|--|---|--|--|---|---|---|---|
|  Multiple choice |  Word cloud |  Q&A |  Clickable image |  Survey |  Open-ended |  Competitions |  More |
| Donut charts | Icebreaker | Upvote | Leaderboard | Emotion scale | Presentation feedback | Spotlight | Retrospective |
| Assign teams | Discussion | Brainstorm | Ranking | Select on map | Short answer | Bulletin board | 2x2 matrix |

Poll Everywhere

Present: 'Activate' questions

Web voting: mobile-friendly

Text message voting

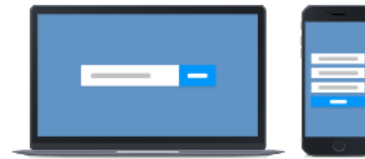
Note: don't forget to deactivate!

Survey – response can be self-paced

Your response page

Same page used for all activities

Join by Web



- 1 Go to PollEv.com
- 2 Enter **LYNBROCK801**
- 3 Respond to activity

Join by Text



- 1 Text **LYNBROCK801** to 37607
- 2 Text in your message

Total Results: 0

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

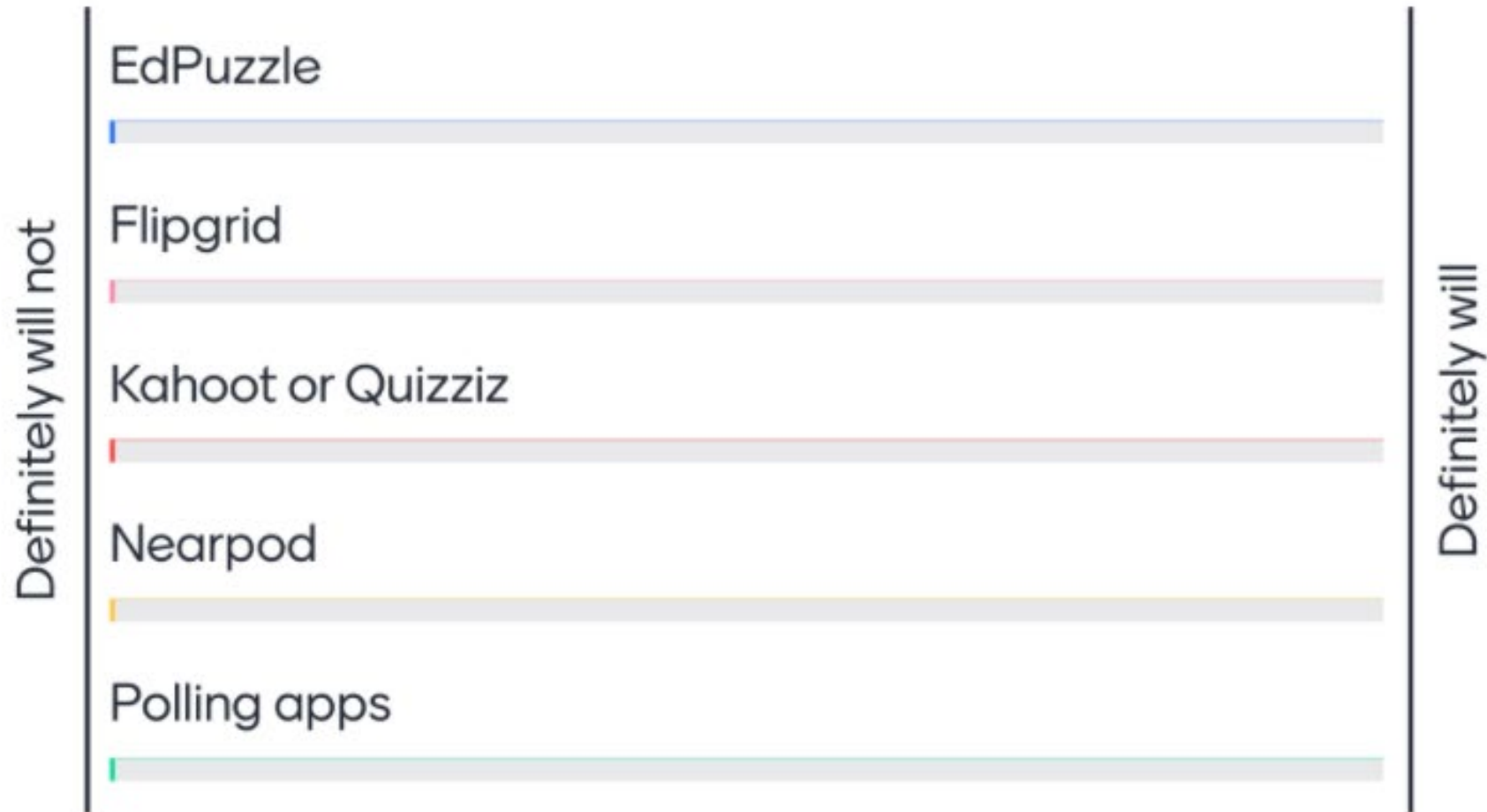
Gather Q&A

Small group discussion – record responses

Check for understanding

Quiz or ‘rate your understanding’

How likely is it you will use (now or in future):



More learning app resources

Click-12 webinar series <https://cpe.fiu.edu/click12/>
Florida International University

Common Sense Education – Ed Tech reviews
<https://www.commonsense.org/education/search?contentType=reviews>

IN DEMAND AND ON DEMAND

Catch up on the CLICK-12 starter pack recordings.



Blending, Flipping and Digitizing Your Classroom



Teachflix: Creating Incredible Videos



Dot Org-Structuring the Virtual Classroom



Free99: Nine Low-Cost High-Impact Ed Tech Tools

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



Account



Dashboard



Courses



Calendar



Inbox



Commons



Help

HCIM > Modules

Home

Announcements

Modules

Quizzes

Grades

Discussions

Assignments

People

Pages

Files

Syllabus

Outcomes

Conferences

Collaborations

Rubrics

Settings

Collapse All

View Progress

+ Module



▼ Welcome to Healthy Choices in Motion!

Complete All Items



Healthy Choices in Motion Overview

View



▼ Introduction to Inquiry

Prerequisites: Welcome to Healthy Choices in Motion!

Complete All Items



What is Inquiry?

View



Open-Ended Questions



Introduction to Inquiry Assessment

2 pts



Import Existing Content

Import from Commons

Choose Home Page

View Course Stream

New Announcement

Student View

New Analytics

View Course Notifications

Coming Up



View Calendar

Nothing for the next week



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Account



Dashboard



Courses



Calendar



Inbox



Help

☰ HCIM > Modules

Home

[Announcements](#)

[Modules](#)

[Quizzes](#)

Collapse All

View Course Stream

View Course Calendar

View Course Notifications

To Do

Nothing for now

▼ Welcome to Healthy Choices in Motion! Complete All Items ✓

Healthy Choices in Motion Overview ✓
Viewed

▼ Introduction to Inquiry Complete All Items ✓
Prerequisites: Welcome to Healthy Choices in Motion!

What is Inquiry? ✓
Viewed

Open-Ended Questions

Introduction to Inquiry Assessment
2 pts



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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





Title



Instructions (optional)



Add



Create



Google Drive



Link



File



YouTube



For

Test

All students

Points

100

Due

No due date

Topic

No topic

Rubric

+ Rubric

Check plagiarism (originality)

[Learn more](#)



Title



Instructions (optional)

Add

+ Create



Nutrition Facts Label W...
Google Slides

Students can view file

Students can edit file

Make a copy for each student

For

Test

All students

Points

100

Due

No due date

Topic

No topic

Rubric

+ Rubric

Check plagiarism (originality)

[Learn more](#)



Quick Tip about Google Meet

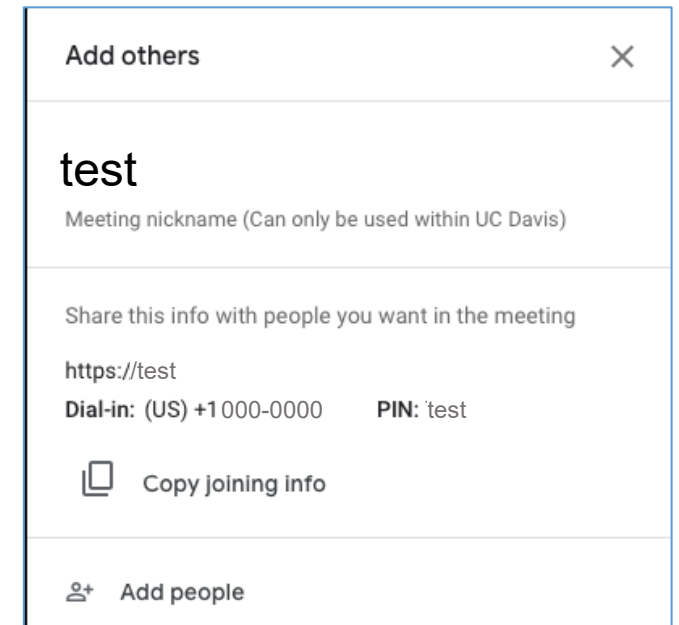
Link provided for students in Google Classroom will not allow those outside the organization to join

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

The Blackboard logo, consisting of the word "Blackboard" in white sans-serif font on a dark grey rectangular background.

Blackboard 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

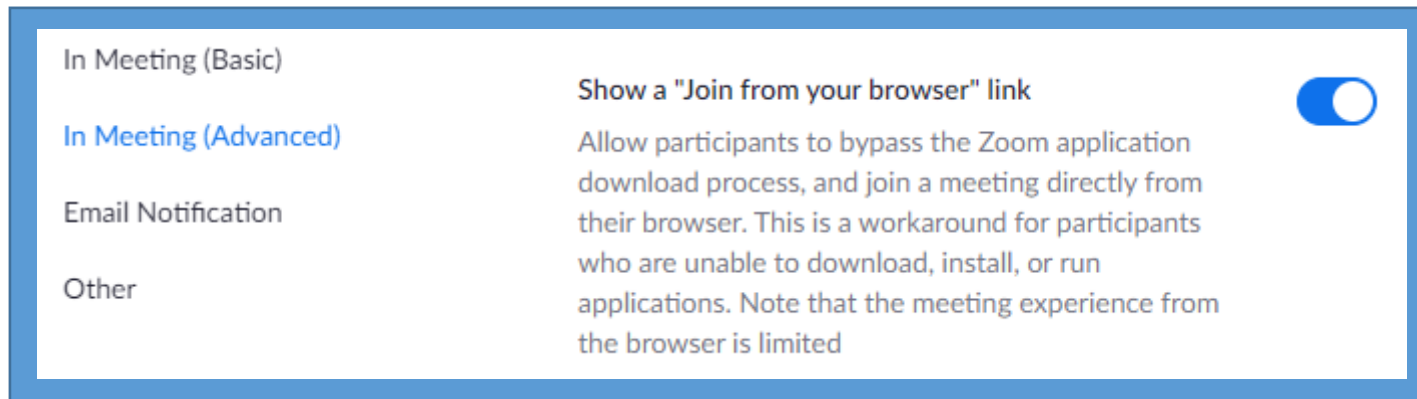
IF you can join: screen share, whiteboard, chat available

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



Poll

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 Ogesi [TWIGS worksheets](#)

Google Forms

Robert Tapia [Up4It! Discover Fruits and Vegetables](#)

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?