Tools for Increasing Participation in 2021
### Agenda

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Housekeeping

Slides will be available after the webinar:
- Email
- YouTube
- Webinar page

- Everyone is on mute and your camera is off
- Join the conversation!
  - Q & A
    - Ask questions you’d like the panelists to answer
    - Upvote & comment on one another’s questions with your own insights!
  - Chat
    - Start a dialogue!
    - Select “All Panelists and Attendees”
- Ozobot staff members monitoring
Giveaway!
Win an Educator Entry Kit

Enter at: ozo.bot/giveaway

- Limit 1 entry per attendee
- Winner announced at end of webinar
Your Hosts

Melissa Toohey
EdTech & Adoption Specialist
Former Founding Coding, Engineering, and Design Thinking Teacher at KIPP Ignite, Computer Science Coach, & K-1 Teacher UCLA Educational Leadership Program, Ed.D

Nikki Jones
Instructional Technology Coach
Twitter: @Mrsjones72812

Jennifer Mahin
Technology Integration Specialist and K-5 STEM Teacher
Twitter: @jennasaurustech

Jessica Talley
K-2 Technology Teacher and Coordinator
Twitter: @east_side_lab
Poll Questions
Nikki Jones
Instructional Technology Coach

I wasn’t born to “just teach.” I was born to inspire others, to change people, and to never give up; even when faced with challenges that seem impossible.

@mrsjones72812
Top Twitter Handles to Follow for Engagement

@mrsparkshine
@jmattmiller
@venezia_megan
@themerrillsedu
@carlyandadam
@giftedtawk
@jarrett_lerner
@christinekdixon
@tracipiltz

#ozosquad
@jennasaurustech
@gamerd0g
@adamhilledu
@cbhsrichmath
Esther Park
@MrsParkShine  Follows you

ESL / ELA Teacher turned Instructional Designer | Learning Experience Developer | Ed Consultant & ESL Coach | ELL, SLIFE Advocate | Believer | Made in 🇺🇸

mrspark.org  Joined August 2018

3,090 Following  17.2K Followers

Followed by Melinda Miller, My EdTech Life, and 292 others you follow

@MrsParkShine

https://www.mrspark.org/free

https://tinyurl.com/ozobotcheckin
@venezia_megan


Born October 19  Joined July 2018

2,222 Following  6,761 Followers

Followed by Hamish Oates, Thriving in Third, and 149 others you follow

https://tinyurl.com/ozbotpicture
@themerrillsedu

FLIPGRID AR IN CENTERS

https://www.themerrillsedu.com/
@carlyandadam

We Teach STEM Better Together! For STEM inspiration and freebies follow our blog carlyandadamblog.com!

stemteachersclub.com  ⬇️ Joined May 2016

2,524 Following   3,390 Followers

Followed by Hamish Gates, PWCS MILStudent Support, and 160 others you follow

Paper Tower Challenge

www.carlyandadam.com

Materials:
- 3 pieces of 8 1/2 x 11 paper
- 12 inches of masking tape
- Scissors
- Measuring tape

Task: Create the tallest free-standing tower in 10 min.

Tip: Learners may cut the tape and paper in any way. No other materials can be used.

INDIVIDUAL STEM

https://carlyandadam.com/thecarlyandadam
Julia’s #STEAMing up Jamboards
@GiftedTawk  Follows you

Jams can be collaborative or share with students individually. Assign them as an assignment in Google Classroom set to “make a copy for each student.”

Joined July 2014
25.9K Following  33.8K Followers

Followed by Dana Whetstone, Raziel Cazares, and 682 others you follow

https://linktr.ee/GiftedTawk
@jarrett_lerner

Jarrett Lerner  
@Jarrett_Lerner

Maker of books: the ENGINERDS series; the GEEGER THE ROBOT series; the GIVE THIS BOOK A TITLE series; the HUNGER HEROES series. Agent: @myrrr

Medford, MA  
jarrettlerner.com  
Born January 12

Joined January 2013

3,391 Following  
26.8K Followers

Followed by Amelia Riley, ms_witherell, and 311 others you follow

https://jarrettlerner.com/activities/
Get ready for the 2021 Tallest Paper Tower Fluor Engineering Challenge!

sciencebuddies.org/fluor-challenge

https://madeesigninnovate.weebly.com/bloglesson-share/weekly-at-home-steam-challenges
@tracipiltz

ADE 2017 @BookCreatorapp @Seesaw @Classkick @flipgrid @TeachCode @ELN_ISTE @WriteReaderApp K-2 Tech Int Wife mom ❤️ @pbskids ELC ♂ IG : @bpslis

Montana mrsplitzkindergarten.blogspot.com Born April 7 Joined May 2014

3,110 Following 7,690 Followers

Followed by Raziel Cazares, #elemEDUmeet, and 351 others you follow

HTTP://MRSPLITZKINDERGARTEN.BLOGSPOT.COM/
This week has been so stressful, and this project is just what I needed in STEM! #Ozobot #ozosquad #ozoparade

Rene Perry @Gamerd0g · Jan 22
3 Cascade Programmers were busy! Each STEM student chose a Coding Activity Mat. After reading the challenge, sixth graders used Ozoblockly to write a program that allowed their Ozobot to successfully complete that specific task. #OZOBOT #FLTW Algorithm Design/Problem Solving

Mrs. Lisa Richardson @CBHSRichMath · Jan 12
I have to brag on my students @ClearBrookHS- they won the grand prize in the Ozoparade contest. Since they did all the work, I shared it with the top 2 vote-getters and they have their very own @Ozobot! So excited for the awesome work they put in! @ClearCreekSD #teachmath

One of my students created this model of the digestive system at home using @Ozobot and color codes. Pretty cool! #SHARING #Ozosquad @Ozobot
Jennifer Mahin

Technology Integration Specialist / STEM Teacher

How to use gamification to redesign the learning experience
Increase student engagement with Flipgrid
Jamboard
How can we use gamification to redesign the learning experience?

- Game based learning enhances learning through exploration and play
- Students can “level up” when they master a task
- Hack a game that already exists to embed skills and content you’re already learning
- Students will take ownership when they are creating the games

- Have students create their own adjectives to apples to apples
- Create your own UNO cards
- Create Jeopardy for a review
- Play a digital game; Kahoot, Quizizz, Quizlet, or Breakout EDU
- Create a quest over a semester and gather points as the semester goes on
Digital Escape Rooms
Add Gamification to Any Lesson with Escape Rooms

- Students solve a series of tasks and puzzles to gain passwords and clues
- Increases student engagement
- Allow students to collaborate while hunting for clues and solving puzzles on your students devices
- Brings game play and problem solving to any learning area, unit, lesson, or activity
Increase student engagement with Flipgrid

Ways to use Flipgrid:
- Virtual/physical field trips
- #GridPals
- Virtual art show
- Aha Moments
- Peer Reviews
- School Announcements
- Newscasts
- Science fair
- Reviews
- Book studies
- Digital Concerts
- Ice Breakers
- Goal settings
- Classroom Vlog
- Daily check-ins

Bring ANY lesson to life with augmented reality
- Interactive displays
- Showcase student work
- Collaboration
- Interactive choice boards
- Create keepsakes

Search the 25,000+ prompts and activities from fellow educators and partners right inside the Discovery Library in Flipgrid!
Roll for a question with Flipgrid...

Each side displays a different question for students to scan to answer

- Students or the teacher can create the questions
- This provides options, and 6 different ways to learn with classmates
- Have students answer 1-2 questions, or all of them
Flipgrid AR in STEM

Students explain their favorite Ozobot color code

Students present STEM projects using Flipgrid AR, creating an interactive display

Flipgrid AR for instructions in independent Ozobot stations
Jamboard

What is Jamboard?

- Add sticky notes, drawings, images, text and more
- Search Google and insert images or webpages
- Move images, texts, notes and drawings around on the screen easily
- Drag and resize text and images with your fingers
- Share your "jams" with others and let them collaborate
- Whole class collaboration, teacher demonstrate, group collaboration

Ways to Engage Learners:

- Class Debate
- Math Discussions
- Classroom Expectations
- Breakout Rooms
- Sketchnote
- Post an image and have students add a caption
- Science Experiments
- Team/Community Building activities
- 4 Corners Question Activity
- First of 5
- Guess Who
- 3 Things that stood out
Jessica Talley

K-2 Technology Teacher and Coordinator

Increase and improve class conversations even for remote learners
Teach phonological awareness and vocabulary through cooperative interaction
Classroom Passwords

- Allows everyone to speak somehow and be acknowledged whether it's in the form of answering a question ("Tell your favorite..." or an individualized quick assessment on cards ("What is this?"))
- Can be as simple as picture passwords for younger learners for clues
- May be tied to specific curriculum or vocabulary
- May carry over into specials classes
- Can be done as an icebreaker allowing everyone to participate without the fear of saying the “wrong answer”
Photo Fun

What kinds of pictures/photos?
- From read alouds
- Zoomed in objects/scenes
- **Hidden pictures** (Mrs. Thompson’s Treasures TPT)/I Spy pages
- My favorites have to do with feelings and ridiculousness!

Use variety of pictures to:
- Label and comment
- Discuss dialogue and storyline possibilities
- Question

Students could film each other doing these tasks in centers after some whole group practice.
Games and Activities

- Which One Doesn't Belong? (Math Version: [http://wodb.ca/index.html](http://wodb.ca/index.html))
- Feely Bags
- Draw My Picture Game
- Tell a Story Using Props
- Poseable Figures
Move It, Move It!

- Hand Movements (clapping, chopping, finger tapping, etc)
- Whole Body (Word Jam GoNoodle Plus)
Tech to the Rescue!

Online Manipulatives

- **Toy Theater Teacher Tools** (Rekenrek, Elkonin Boxes, Dice for games)
- **UFLI Virtual Teaching Resource Hub**

Apps

- Filming apps of any kind are always a hit to practice explanations and storylines.
- Chatterpix for vocabulary explanation or fun dialogue

Sharing Online with Classroom Kits and Materials

- Robots/Coding
- Digital design apps (PicCollage)
- Having clips of peers showing assignment/giving tutorial
Oh So Marvelous Ozobot!

- Can help add another “layer” visually and kinesthetically during phonological awareness activities
- Always a hit when tracing outlines and adding color codes (could be used when students draw their own pictures of vocabulary words)
Opportunities for More

- Using prep times/extra empty slots to bring individuals back in room or set up extra live meetings to continue building those conversations and increasing vocab knowledge in a fun, more relaxed way
- Simply having times for talking and expression - We need it now more than ever!
Q & A

10 min
Giveaway!
Win an Educator Entry Kit

Email at: cassandra@ozobot.com

Be introduced to Ozobot Evo, a 1 inch robot programmable 2 Ways:
- Hands-on with Colors
- On-Screen with Blocks
Wrap-Up

Slides will be available after the webinar:

- Email
- YouTube
- Webinar page

PD Certificates: email support@ozobot.com

Connect with today’s panelists on Twitter:
@Mrsjones72812
@jennasaurustech
@east_side_lab
Thank You