

Tools for Increasing Participation in 2021

Agenda

1

Housekeeping + Polls

2

Nikki Jones: Virtual
Engagement

3

Jennifer Mahin:
Gamification, Flipgrid,
and Jamboard

4

Jessica Talley:
Conversations for
Remote Learners and
Literacy Skills

5

Q & A

6

Ozobot Giveaway



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.

WE ARE
TEACHERS



@mrsjones72812

ozobot



Top Twitter Handles to Follow for Engagement

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

#ozosquad
@jennasaurustech
@gamerd0g
@adamhilledu
@cbhsrichmath



@MrsParkShine



Following

Esther Park

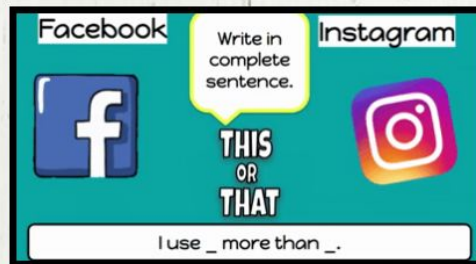
@MrsParkShine Follows you

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

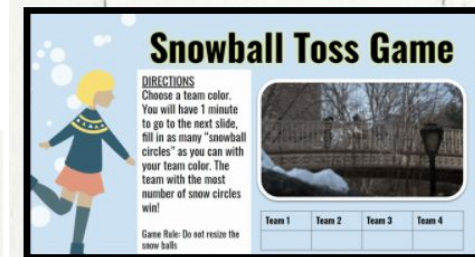
🔗 mrspark.org 📅 Joined August 2018

3,090 Following 17.2K Followers

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



THIS OR THAT



SNOWBALL TOSS COMMUNITY BUILDING

[click here for Google Jamboard version](#)



JAMBOARD CHECK-IN

[click here for Google Slides version](#)

@jmattmiller

Matt Miller
@jmattmiller Follows you

Educator. Author of 4 books. Textbook ditcher. GCI, MIEE, SMT. Blogger. Keynote speaker. Podcaster. Christ follower. Happy husband/dad of 3. Livin' the dream.

📍 Indiana #DitchBook #GTPod 🌐 DitchThatTextbook.com
📅 Born September 17 📅 Joined May 2011

9,034 Following 93.7K Followers

Followed by My EdTech Life, Dana Whetstone, and 998 others you follow

CAPTION THIS!

A fun, deep-thinking Google Drawings activity

With a BONUS "Caption This!" math example!

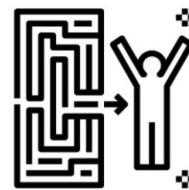


A blog post co-authored by Laura Steinbrink and Matt Miller from

14 ways to turn your classroom into a game show



12 social media-inspired Google Slides templates



25 ways to create experiences your students will remember



[HTTPS://DITCHTHATTEXTBOOK.COM/](https://DITCHTHATTEXTBOOK.COM/)



DITCH THAT TEXTBOOK

ozobot



Megan Venezia
@venezia_megan Follows you

Proud Mom. Wife. SEL/Behavior Support TOSA. Cotsen Alumni. Language Mentor.
Google Certified Teacher.

📅 Born October 19 📅 Joined July 2018

2,222 Following 6,761 Followers

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



PICTURE of the Day

Think about the pictures and text. What do you see? What details do you notice? What questions do you have? When you have an idea, write it on a sticky note with your name and use one of the sentence frames below to start your sentence.



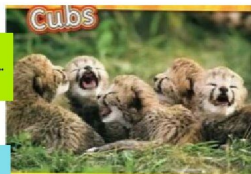

I notice ...



I wonder ...



This makes me think ...


I notice...	I notice...	I wonder...	I wonder...	This makes me think...	This makes me think...
I notice...	 <p>A mother cheetah has three to five cubs at one time. They are born blind and helpless. But the cubs grow quickly! They can open their eyes and crawl in less than ten days.</p>	 <p>The mother cheetah keeps the cubs safe in their den. If she needs to move, she carries them in her mouth.</p>	I wonder...	This makes me think...	I notice...
I notice...	I notice...	I wonder...	I wonder...	This makes me think...	This makes me think...

<https://tinyurl.com/ozbotpicture>

Morning Meeting

INSERT DATE
HERE


MORNING GREETING <ol style="list-style-type: none">Greet each student in class.Say, "Hi, ____" or "Good morning, ____."Choose a virtual greeting. 	THINK ABOUT IT <p>The Word of the Day: Patience</p> 	SHARE OUT <p>When might you need to have patience?</p> <p>How can you be patient at school? (*Think about if you need help, but your teacher is helping someone else.)</p> <p>"You might need to be patient when ..."</p> <p>"I can be patient by ..."</p>
WORD OF THE DAY <p>PATIENCE the ability to wait calmly without getting frustrated or complaining</p>	POLL OF THE DAY <p>Would you rather ____ or ____?</p> <p>1 🧐 2 🐛</p>	



SHOUT OUT To:

This week your student was/Esta semana su estudiante fue...

☐ RESPONSIBLE/responsable
☐ RESPECTFUL/respetuoso
☐ SAFE/seguro



@themerrillsedu

NOW AVAILABLE!

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THE INTERACTIVE CLASS
JILL AND KYLE MERRILL

TECHNOLOGY TO MAKE LEARNING MORE ENGAGING AND EFFECTIVE IN THE 21ST-CENTURY CLASSROOM

#interACTIVEclass

@THEMERRILLSEDU

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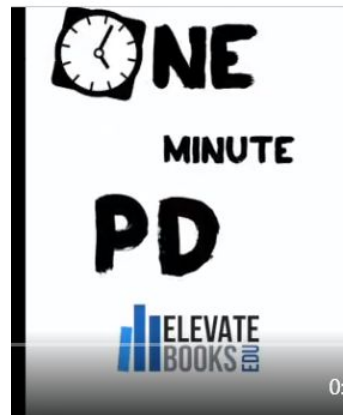
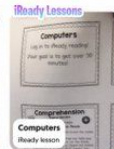
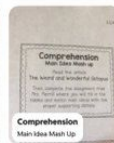
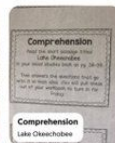
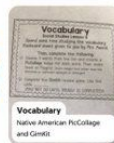
@friendsinfourth @MrMerrillClass Authors of The #interACTIVEclass OUT NOW on @ElevateBooksEdu

[themerrillsedu.com](https://www.themerrillsedu.com) Joined September 2018

1,382 Following 5,549 Followers

Followed by My EdTech Life, Dana Whetstone, and 310 others you follow

FLIPGRID AR IN CENTERS



Topic details [Share Topic](#)

Creator
[Joe Merrill](#)

Audience
Other

Subject
Other

Saved to 1 collection Engagement 3 days and 22 hours Used 84

Integration Notes

This is a great way for your students to "hang out" together - when they're not together!

[Save to Collection](#) [Add Topic](#)

<https://www.themerrillsedu.com/>

@carlyandadam

STEM

By: *Carly* and *Adam*

Carly And Adam
@carlyandadam Follows you

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 Oates, PWCS MilStudent Support, and 160 others you follow



Using
FLIPGRID
For **STEM**
Distance
Learning

Carly and Adam Blog



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

@DrJacieMaslyk *Carly and Adam*

@GiftedTawk

$$\text{Palm Tree} + \text{Palm Tree} + \text{Palm Tree} = 30$$

$$\text{Palm Tree} + \text{Coffee Cup} + \text{Coffee Cup} = 38$$

$$\text{Coffee Cup} + \text{Coffee Cup} + \text{Coffee Cup} = 18$$

$$\text{Coffee Cup} + \text{Palm Tree} \times \text{Coffee Cup} = ?$$

Build an ice cream cone.
Calculate the price.

50¢ per scoops
10¢ per sprinkle shot
10¢ per pump

Time to pay the bill.
Calculate the amount.

100% Organic

$(3 \times 50) + (25 \times 2) + (5 \times 2) + 10 = \2.20

1:38 14.2K views

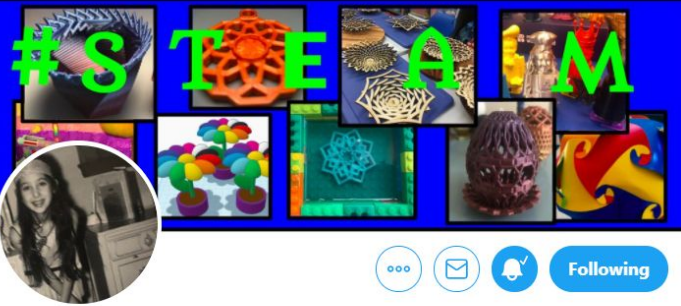
Julia's #STEAMing up Jamboards @GiftedTawk · Jan 12

Using different color backgrounds against our Jamboard-made stained glass, students used the eraser tool to reveal the emotions felt while reading All Summer in a Day by Ray Bradbury.

11 25 145

Set background Clear frame

6.7K views 0:19 / 0:20



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."

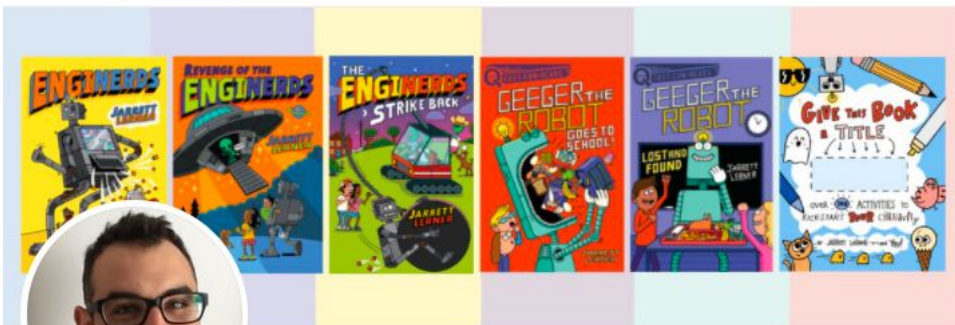
Joined July 2014

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 **ENGINEERDS** 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

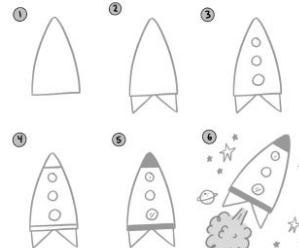
3,391 Following 26.8K Followers



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

<https://jarrettlerner.com/activities/>

HOW TO DRAW a Rocket



IMPORTANT: THERE IS NO RIGHT OR WRONG WAY TO DRAW ANYTHING. TRY OUT SOME VARIATIONS AND FIND YOUR OWN STYLE!

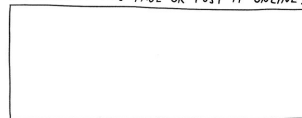
jarrettlerner.com

JARRETT

DESIGN a MEDICAL MASK FOR a HEALTHCARE WORKER



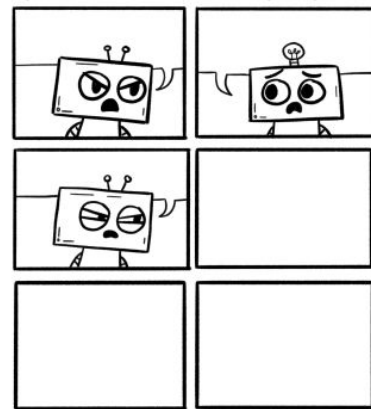
INCLUDE A NOTE BELOW, THEN SEND SOMEONE A PICTURE OF THIS PAGE OR POST IT ONLINE!



jarrettlerner.com

JARRETT

FINISH THIS COMIC!



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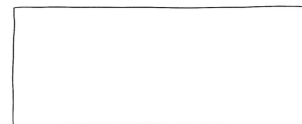
JARRETT

CREATE your OWN DREAM JOB

DOES A FORM OF YOUR DREAM JOB ALREADY EXIST? IS IT SOMETHING BRAND-NEW? IS IT A COMBINATION OF TWO OR MORE ALREADY EXISTING JOBS?

WHAT WOULD A DAY OF WORK LOOK LIKE?

HOW WOULD YOUR WORK HELP OTHER PEOPLE?



jarrettlerner.com

JARRETT

ozobot

@christinekdixon



Make Design Innovate

@christinekdixon Follows you

TK-8 Innovation Coordinator #designthinking #makerspace #MakerEd #STEAM #STEM #cs4all #edtech Here to collab & share w all! ❤️ Insta ➡️ makedesigninnovate

📍 San Diego, CA 🌐 makedesigninnovate.weebly.com 📅 Joined July 2014

3,368 Following 4,582 Followers

👤 Followed by Dana Whetstone, #elemEDUmeet, and 315 others you follow

At-Home STEAM Challenge #20: President's Day Challenge

Challenge:

- #1: Watch the video about President's Day Facts. While watching, jot down some fun facts so you can use them for your Flipgrid puppet show.
- #2: Design Washington and Lincoln finger puppets.
- #3: Record your Flipgrid President's Day Puppet Show.

President Finger Puppets

Materials: (optional) string, green head, quarter (Washington head), paper tape or glue, googlies, anything you can use for eyes.

- 1) Find a penny and a quarter and take a moment to really investigate both sides (heads & tails).
- 2) Design your Abraham Lincoln and George Washington finger puppets to be created!
- 3) Make a plan on what facts you want each President (finger puppet) to share.
- 4) Practice what you will record on Flipgrid. Once you are ready, share on Flipgrid with your family members.

Share Your Creation!

- Flipgrid (see Google Classroom for code)
- Record yourself showing off your creation.
- Make sure to include your creation in your selfie picture.

Get ready for the 2021 Tallest Paper Tower Fluor Engineering Challenge!

sciencebuddies.org/fluor-challenge



Make Design Innovate @christinekdixon · Jan 20

❤️ Here's #21 of At-Home #STEAM Challenges ready for your sweet innovators! ❤️

All props & credit given to @ScienceBuddies with awesome video & T lesson! Tks Chris @dailytystem for @MarthaStewart video about history of candy! 🍬

Link 🌟 #BetterTogether #remoteteaching @teachseuss

At-Home STEAM Challenge #21: Candy Chemistry

Challenge: Watch the video to learn about the history of the Meccano company's candy conversation hearts. Then try out a candy chemistry experiment!

Candy Chemistry

Did the conversation hearts first sink to the bottom of the glass, then floated back up—and then down again—in the soda, "dancing"?

Watch the Dancing Candy Hearts Video

Materials: Clear glass, carbonated water, clear, candy hearts.

Try It:

- 1) Fill the glass nearly to the top with fresh carbonated water.
- 2) Drop one of the conversation hearts into the glass.
- 3) Patiently watch the glass for a few minutes. What happens?
- 4) Drop a few more hearts into the glass and watch.
- 5) What happened? Click on the circle to measure the chemistry!

Share Your Creation!

- Flipgrid (see Google Classroom for code)
- Record yourself showing off your creation.
- Make sure to include your creation in your selfie picture.

Melisa Hayes and 9 others



❤️ 96



ozobot

HTTPS://MAKEDESIGNINNOVATE.WEEBLY.COM/BLOGLESSON-SHARE/WEEKLY-AT-HOME-STEAM-CHALLENGES

@tracipiltz



YOU ARE SUPER DUPER

Traci Piltz   
 @TraciPiltz Follows you

ADE 2017|@BookCreatorapp @Seesaw @Classkick @flipgrid @TeachCode
 @ELN_ISTE @WriteReaderApp|K-2 Tech Int |Wife mom @pbkids
 ELC |IG @bpstis

📍 Montana 🌐 mrspiltzkindergarten.blogspot.com 🕒 Born April 7
 📅 Joined May 2014

3,110 Following **7,690** Followers

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



Weekly Techy News
 tools, tricks & ideas for your classroom

1.25.21
 @piltzt
 @bpstis
 @TraciPiltz

Groundhog Day STEAM
 The amazing Christine Dixon & Marla Rosenthal have made another fun at-home STEAM project for students, this time for Groundhog Day. Students watch videos and use objects to create shadow puppets. [Click here](#) for their Google Slides, or click the image for the Seesaw version I adapted.

Information Writing WriteReader
 After working hard on their information writing drafts, these 3rd graders loved using **WriteReader** to publish their work and share with one another. Click the image to read more. You can set up a free account at writereader.com (works in Safari on iPads, too!)

Computer Science Workshops
 AVID is offering FREE Computer Science Fundamentals courses, in partnership with Code.org and I will be facilitating some! Learn more about this virtual opportunity [here](#). 6 Montana OPI renewal units will be awarded upon completion of the CS Fundamentals workshop. AVID is offering other computer science workshops throughout the spring and summer, as well. Learn more [here](#).

Seesaw Corner
 I love this tip for easily finding students that belong in certain Seesaw groups. This makes activity assignment a snap! In Settings, edit the DISPLAY NAME of your students & put different emojis at the beginning of the names to differentiate between groups. See the video for a quick tutorial.

bpstis.org mrspiltzkindergarten.blogspot.com

[HTTP://MRSPILTZKINDERGARTEN.BLOGSPOT.COM/](http://MRSPILTZKINDERGARTEN.BLOGSPOT.COM/)

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#ozosquad



Jennifer Mahin @jennasaurustech · Nov 19, 2020

This week has been so stressful, and this project is just what I needed in #STEM ! @Ozobot #ozosquad #ozoparade



0:03 763 views



3



4



31

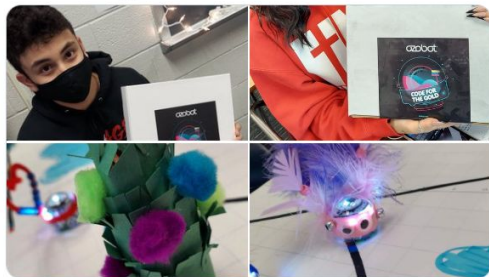


@jennasaurustech



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! @ClearCreekISD #iteachmath



1



8



8



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 #PLTW Algorithm Design/Problem Solving



0:20 15 views



1



1



4

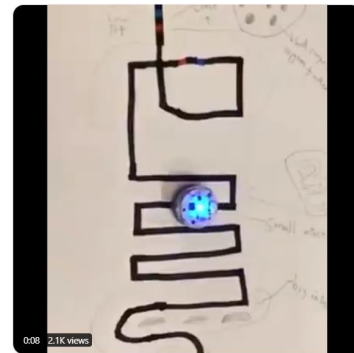


@gamerd0g



Adam Hill @AdamHillEDU · Nov 20, 2020

One of my students created this model of the digestive system at home using @Ozobot and colour codes. Pretty cool! #VSAHKG #OzoSquad #Ozobot



0:08 2.1K views



6



14



111



@adamhilledu

@CBHSRichmath

ozobot

Jennifer Mahin

Technology Integration Specialist / STEM Teacher

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

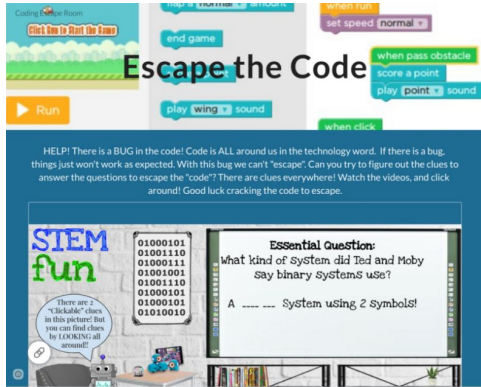


How can we use gamification to redesign the learning experience?

- 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



7 Letter word, ALL CAPS (Example: ORANGES) *

Your answer

1 Digit Number *

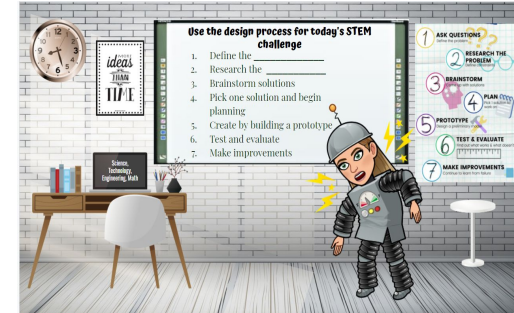
Your answer

7 Letter Directional Code, ALL CAPS *

Your answer

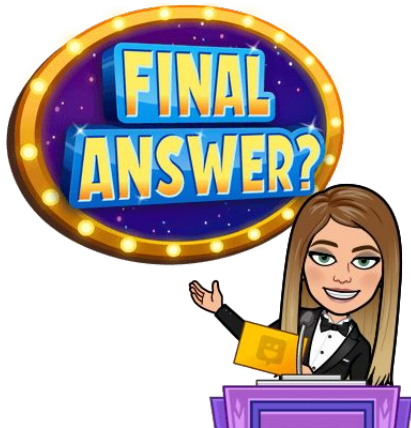
9 Letter word, ALL CAPS *

Your answer



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!



Flipgrid



Ozobots

Now that you are familiar with color coding. What is your favorite color code, and why? Tell me what colors make up the code, and feel free to show off your Ozobot using your favorite color code.



I made some brownies, and accidentally ate 1/2 of the pan. The remaining brownies, I want to split among 3 friends (I had enough already, so don't include me!) Which fraction of the brownies will each friend get?



Ozobots: Color Code VS Blockly

Describe how you can use color coding and blocky coding to operate your Ozobot. Which do you prefer to use when you code your ozobot to move?



Multiply $2 \frac{1}{4} \times 3 \frac{2}{3}$

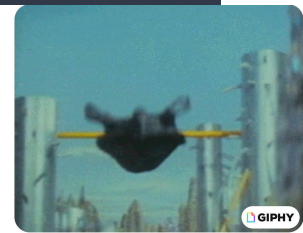
Explain your work.



What Time Is It, Ozobot?

What time is it Ozobot?

Once you have programmed your ozobot to demonstrate elapsed time between two given times, please share your coding and run your program for your classmates to see!



A turtle walks 12ft in one hour. How many inches does the turtle walk in one hour? Explain...

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



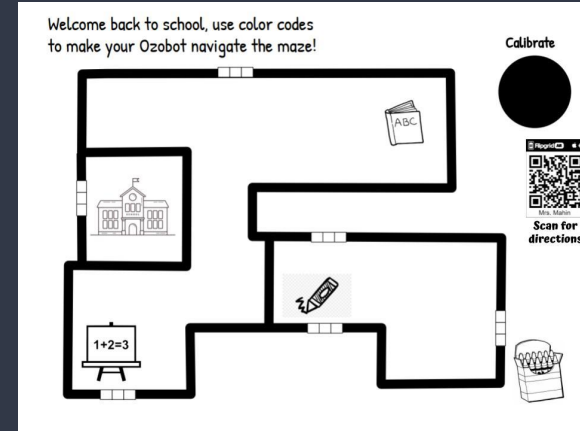
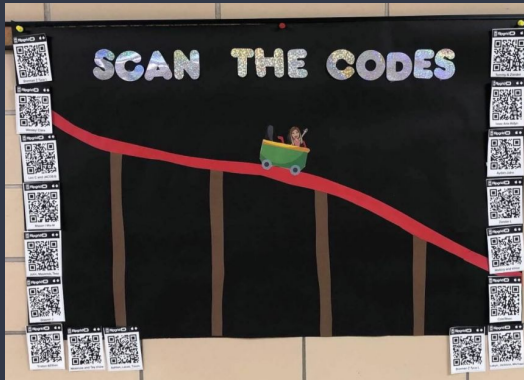
Flipgrid AR in STEM



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

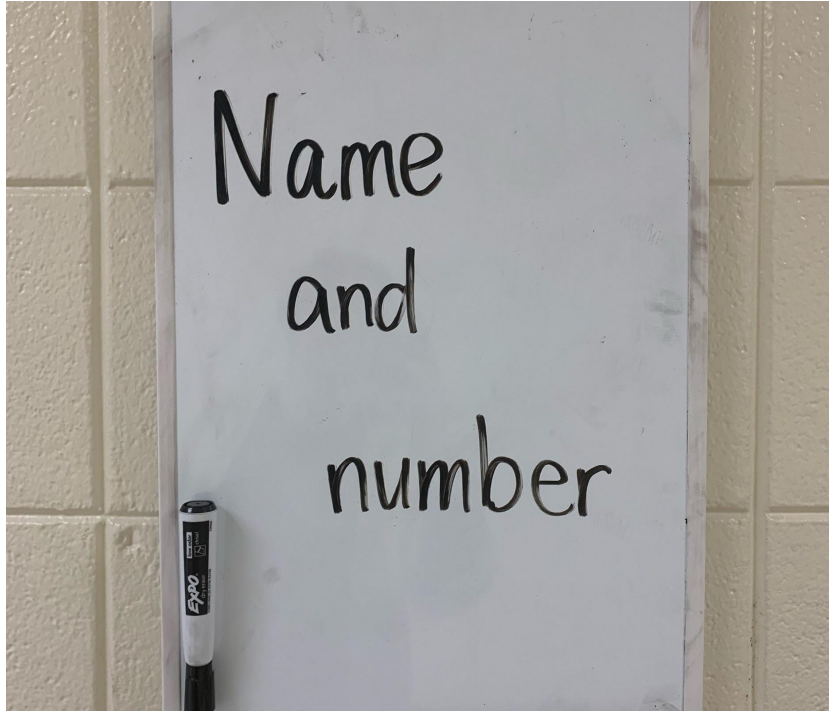
K-2 Technology Teacher and Coordinator

Increase and improve class conversations even for remote learners

Teach phonological awareness and vocabulary through cooperative interaction

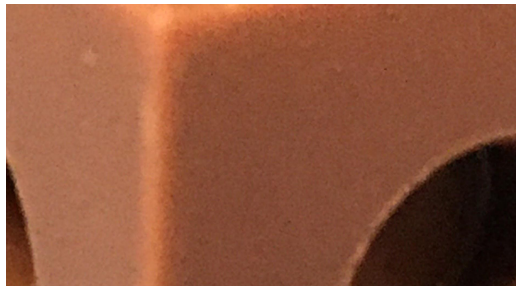


Classroom Passwords



- 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?

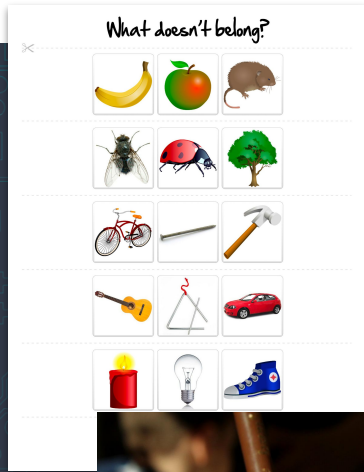
- From read alouds
- Zoomed in objects/scenes
- [Hidden pictures](#) (Mrs. Thompson's Treasures TPT)/[I Spy pages](#)

My favorites have to do with feelings and ridiculousness!

Use variety of pictures to:

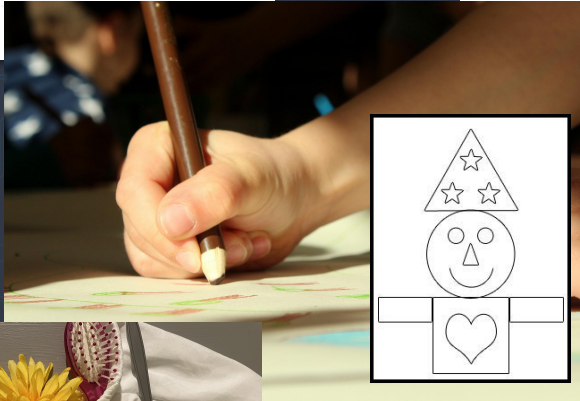
- Label and comment
- Discuss dialogue and storyline possibilities
- Question

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>)
- 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)



Online Manipulatives

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

Tech to the Rescue!



Apps

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

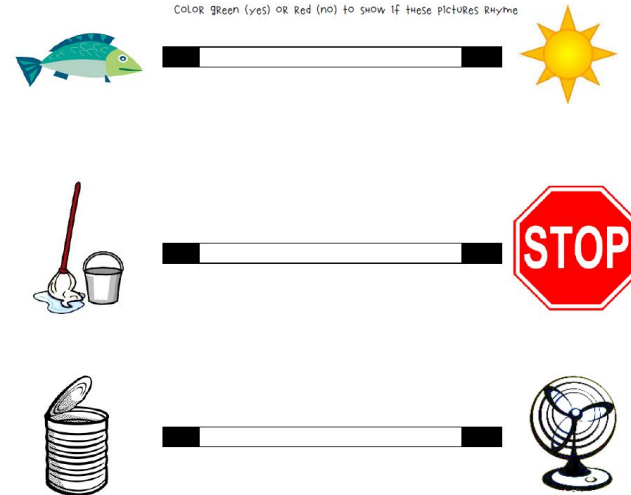


Sharing Online with Classroom Kits and Materials

- Robots/Coding
- Digital design apps (PicCollage)
- Having clips of peers showing assignment/giving tutorial

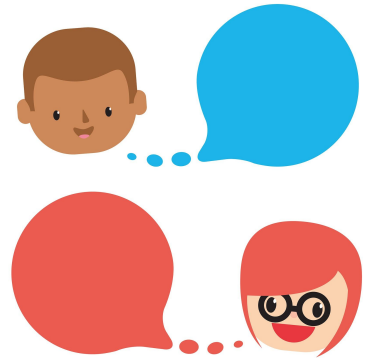
Oh So Marvelous Ozobot!

- 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!

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Be introduced to Ozobot Evo, a 1 inch robot programmable 2 Ways:

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Wrap-Up

Slides will be available after the webinar:

- Email
- [YouTube](#)
- [Webinar page](#)

PD Certificates: email support@ozobot.com

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Thank You



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