Welcome!
We’ll get started soon.

In the meantime, introduce yourself in the Chat.
Tip: select “All Panelists and Attendees” in the Chat drop-down.

Ozobot 101

Creating the future of education
4 pm PDT/ 7PM EDT
Today’s Presenters

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

Anthony
Account Executive
Digital Marketing (automation), Technology Enthusiast, Lifelong learner (The Element), Content Creator, Training For First Ultramarathon
Agenda

1. Housekeeping
2. Intro to Ozobot
3. 2 Ways to Code Demo
4. Remote-Friendly Lessons
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
    - Select “All Panelists and Attendees”
    - Start a dialogue!

- 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
Poll Questions

3-5 min
Why robotics?

**Computer Science**
- 9 out of 10 parents want their kids to learn CS

**Hands-On STEAM Learning**
- Increase engagement
- Boost retention up to 75%

**Future-Ready Skills**
- 65% of elementary students will have jobs that don’t exist yet

**Social-Emotional Wellbeing**
- "When I place a robot in front of a learner, what I see on their face is joy!"
  - Ozobot Certified Educator

Source: Gallup
Source: Education Corner
Source: World Economic Forum
What is Ozobot?

A robotic platform that makes it simple to teach coding and STEAM and integrate them into all subjects

Trusted in 30K+ K-12 Schools

95% of users report increased engagement
How It Works

1-Inch Robots
Bluetooth-enabled with programmable parts

2 Ways to Code
Screen-free with colors, on screens with blocks

500+ K-12 Lessons
For content integration and tracking student progress
2 Ways to Code

Screen-free with colors

On screens with blocks

For teacher training:
- Sign up at classroom.ozobot.com
- Select Bot Camp
### 2 Ways to Code = Flexibility

<table>
<thead>
<tr>
<th>All grade levels</th>
<th>All subjects</th>
<th>All learning styles</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>K-12</strong></td>
<td><strong>74%</strong></td>
<td><em>Journal of Autism Spectrum Disorders</em> study – effective for engaging students with ASD</td>
</tr>
<tr>
<td></td>
<td>of users teach core subjects with Ozobot</td>
<td>Standards: CCSS Math/ELA, ISTE, CSTA, NGSS, &amp; more</td>
</tr>
</tbody>
</table>

+ In person, remote, hybrid instruction
Video Lesson Overview

- 2nd-8th Grade lessons
- Recommended pacing: 1 lesson per week
- 30-45 Minute Activities
- Math, ELA, Science, and CSTA/ISTE standards aligned
  - Each lesson will be aligned with
    - 1 ISTE Standard
    - 1 CSTA Standard
    - 1 Content Standard
Video Lessons include:

- Synchronous Lesson Plan
- Instructional Video
- Student Activity Guide
- Student Activity Sheets
- Teacher Answer Key/Potential Solution

[Video Lessons include:
- Synchronous Lesson Plan
- Instructional Video
- Student Activity Guide
- Student Activity Sheets
- Teacher Answer Key/Potential Solution](classroom.ozobot.com/lessons)
What’s in a Video Lesson?

Instructional Videos for Self-Guided Learning

Standards-Aligned Lesson Plans for Synchronous and Asynchronous Sessions

Answer Keys/Sample Solutions

Activity Sheets for Students
5th Grade Math

Number Randomizer

1. **Random Number:** 4, 7, 3, 2, 5, 8
   - **Standard Form:** 4,732,58
   - **Word Form:** four hundred seventy-three and two hundred fifty-eight thousandths
   - **Expanded Form:** 400 + 70 + 3 + 0.2 + 0.05 + 0.008

2. **Random Number:** 5, 9, 2, 7, 8, 7
   - **Standard Form:** 5,927,87
   - **Word Form:** five hundred ninety-two and seven hundred eighty-seven thousandths
   - **Expanded Form:** 500 + 90 + 2 + 0.7 + 0.08 + 0.007

3. **Random Number:** 8, 4, 8, 2, 9, 8
   - **Standard Form:** 8,482,98
   - **Word Form:** eight hundred forty-eight and two hundred ninety-eight thousandths
   - **Expanded Form:** 800 + 40 + 8 + 0.2 + 0.09 + 0.008
2nd Grade ELA

Random Prefix

Prefix Chooser

<table>
<thead>
<tr>
<th>Prefix</th>
<th>Root</th>
<th>What does it make?</th>
<th>Is it a real word?</th>
</tr>
</thead>
<tbody>
<tr>
<td>dis-</td>
<td>*</td>
<td>*</td>
<td>Yes</td>
</tr>
<tr>
<td>re-</td>
<td>*</td>
<td>*</td>
<td>Yes</td>
</tr>
<tr>
<td>un-</td>
<td>*</td>
<td>*</td>
<td>Yes</td>
</tr>
<tr>
<td>pre-</td>
<td>*</td>
<td>*</td>
<td>Yes</td>
</tr>
</tbody>
</table>

Start

like happy do move appear heat school able lucky
All Grades STEAM + SEL
Sample Lesson Series:
Introduction to OzoBlockly 01: Basic Training
Introduction to OzoBlockly 02: Sequences
Introduction to OzoBlockly 03: Loops
Introduction to OzoBlockly 04: Conditionals
Introduction to OzoBlockly 05: Skills Check 1
Introduction to OzoBlockly 06: Variables
Introduction to OzoBlockly 07: Line Following
Introduction to OzoBlockly 08: Debugging
Introduction to OzoBlockly 09: Skills Check 2

Middle School Video Lessons

- Lesson Series
- Open-Ended Challenges
- Content-Integrated Lessons
Holiday & Seasonal Lessons

- Halloween
- Thanksgiving
- Kwanzaa
- Hanukkah
- Christmas
- Lunar New Year
- Black History Month
- .. And more!

classroom.ozobot.com/lessons

Lesson Library
Accessibility for All

All Lessons include:

● Instructional Videos + Student Activity Guides
  ○ Chaptered Videos for Self-Pacing
  ○ Auditory and Visual Guidance
  ○ Text Instructions
● Address the tech gap
  ○ Learn core subjects + STEAM skills
● Any grade level, any skill level
● Color Code support for students with Color Vision Deficiency (CVD)
Ozobot Hybrid Program

How it works:

1 - Each student gets an Ozobot

2 - Teachers access remote-friendly lessons, training, & PD

3 - Schools integrate coding & STEAM into all subjects, for all students

Request a quote at ozobot.com
Q & A
Wrap-Up

● **Need bots? Request a demo or quote at ozobot.com**
  ○ Try Ozobot free with OzoBlockly Challenges – ozobot.com/create/challenges
  ○ Get a free copy of the Ozobot Funding & Grants Tool – ozo.bot/funding
    ■ CARES Act info & letter template
    ■ Samples of successful grants

● **Got bots? Get started with Ozobot Classroom:**
  ○ Sign up at classroom.ozobot.com
  ○ Complete Bot Camp
  ○ Explore Lessons
Giveaway!
Win an Educator Entry Kit

Email cassandra@ozobot.com with your name & shipping address!

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