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
Director of Education
Former Founding Coding, Engineering, and Design Thinking Teacher at KIPP Ignite, Computer Science Coach, & K-1 Teacher UCLA Educational Leadership Program, Ed.D

Brian
Account Executive (FL, NC, IN, MD, CO, KS, MS, HI, NM, MO)
Avid learner, reader, and technology enthusiast. Surfer, runner, dog dad.
I <3 Ozobot!
Agenda

1. Housekeeping
2. Intro to Ozobot
3. 2 Ways to Code Demo
4. Video Lessons
5. Ozobot Hybrid Program
6. Q & A
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
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

Sources:
- [Gallup](https://www.gallup.com)
- [Education Corner](https://educationcorner.com)
- [World Economic Forum](https://www.weforum.org)
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

For teacher training:
- Sign up at classroom.ozobot.com
- Select Bot Camp

On screens with blocks
2 Ways to Code = Flexibility

- All grade levels: K-12
- All subjects: 74% of users teach core subjects with Ozobot
- All learning styles: Journal of Autism Spectrum Disorders study - effective for engaging students with ASD

+ 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

classroom.ozobot.com/lessons

Lesson Library
What’s in a Video Lesson?

- Instructional Videos for Self-Guided Learning
- Answer Keys/Sample Solutions
- Standards-Aligned Lesson Plans for Synchronous and Asynchronous Sessions
- Activity Sheets for Students
5th Grade Math

**Number Randomizing Map**

Start

4 7 9

3 8

**Place Value & Number Forms Worksheet**

1. **Random Number**
   - Standard Form: 473.258
   - 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**
   - Standard Form: 59278
   - 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**
   - Standard Form: 84298
   - 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

Prefix Chooser

Random Prefix

Prefixes: dis-, re-, un-, pre-

Start

Name: __________________ Date: ________________

Prefix Root What does it make? Is it a real word? If no, use the root with a different prefix What does the word mean?

1. ____________  ____________  ____________  ________  ________

2. ____________  ____________  ____________  ________  ________

3. ____________  ____________  ____________  ________  ________

4. ____________  ____________  ____________  ________  ________

5. ____________  ____________  ____________  ________  ________

6. ____________  ____________  ____________  ________  ________

7. ____________  ____________  ____________  ________  ________

8. ____________  ____________  ____________  ________  ________

9. ____________  ____________  ____________  ________  ________

10. ____________  ____________  ____________  ________  ________

Words: like, happy, do, move, appear, heat, school, able, lucky

Grade 2 | ELA

© Evolva, LLC
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
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
Thank You