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
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 CS?**

- **States** are mandating CS education through adoption of CS standards.
- **Teachers** are not prepared to teach the content.
- **Low-SES, highly diverse schools** have less access to CS instruction than their high-SES, white-majority counterparts.
What Is Ozobot?

Ozobot makes CS education hands-on for students and easy for all educators. Ozobot is:

A robotic platform

1 Solution for All Students
Trusted in 30K+ K-12 Schools

Hands-On Engagement
95% of users reporting increased student engagement

Interdisciplinary Learning
74% teach core subjects with Ozobot

Source: Teacher Survey
How It Works

1-Inch Robots
Desk-friendly and Bluetooth-enabled

2 Ways to Code
With and without screens

Content-Integrated Lessons
Integrate coding and STEAM with math, ELA, and more
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

<table>
<thead>
<tr>
<th>All grade levels</th>
<th>All subjects</th>
<th>All learning styles</th>
</tr>
</thead>
<tbody>
<tr>
<td>K-12</td>
<td>74%</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
Learn Anywhere 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
Learn Anywhere 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 Learn Anywhere Lesson?

- **Instructional Videos for Self-Guided Learning**
- **Answer Keys/Sample Solutions**
- **Standards-Aligned Lesson Plans for Synchronous and Asynchronous Sessions**

![Image of Ozobot lesson materials](image_url)
Twenty to thirty lessons to get you started with Ozobots.
The Basics

Introduction to Ozobot: Get to Know Evo

Evo Diagram

Intro to Color Codes 01: Basic Training
Activity Sheets

Intro to Ozobot Blockly 01: Basic Training
Activity Sheets
Color Codes

1. Introduction to Color Codes 01: Basic Training
2. Introduction to Color Codes 02: Speed
3. Introduction to Color Codes 03: Special Moves and Win
4. Introduction to Color Codes 04: Direction
5. Introduction to Color Codes 05: Skills Check 1 (by grade)
6. Introduction to Color Codes 06: Timers
7. Introduction to Color Codes 07: Line Switch
8. Introduction to Color Codes 08: Counters
9. Introduction to Color Codes 09: Skills Check 2 (by grade)
OzoBlockly (Grades 2-5)

1. Introduction to Ozobot Blockly 01: Basic Training
2. Introduction to Ozobot Blockly 02: Sequences
3. Introduction to Ozobot Blockly 03: Loops
4. Introduction to Ozobot Blockly 04: Debugging
5. Introduction to Ozobot Blockly 05: Skills Check 1
6. Introduction to Ozobot Blockly 06: Conditionals
7. Introduction to Ozobot Blockly 07: Variables
8. Introduction to Ozobot Blockly 08: Skills Check 2

classroom.ozobot.com
OzoBlockly (Grades 6-8)

1. Introduction to Ozobot Blockly 01: Basic Training
2. Introduction to Ozobot Blockly 02: Sequences
3. Introduction to Ozobot Blockly 03: Loops
4. Introduction to Ozobot Blockly 04: Conditionals
5. Introduction to Ozobot Blockly 05: Skills Check 1
6. Introduction to Ozobot Blockly 06: Variables
7. Introduction to Ozobot Blockly 07: Line Following
8. Introduction to Ozobot Blockly 08: Debugging
9. Introduction to Ozobot Blockly 09: Skills Check 2
### Place Value & Number Forms Worksheet

<table>
<thead>
<tr>
<th>Number Randomizer</th>
<th>1. Place Value &amp; Number Forms Worksheet</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Random Number</strong></td>
<td>4 7 3 2 5 8</td>
</tr>
<tr>
<td><strong>Word Form</strong></td>
<td>four hundred seventy-three and two hundred fifty-eight thousandths</td>
</tr>
<tr>
<td><strong>Expanded Form</strong></td>
<td>480, 70, 3, 0.2, 0.05, 0.008</td>
</tr>
</tbody>
</table>

| **Random Number** | 5 9 2 7 8 7 |
| **Word Form**     | five hundred ninety-two and seven hundred eighty-seven thousandths |
| **Expanded Form** | 500, 90, 2, 0.7, 0.08, 0.007 |

| **Random Number** | 8 4 8 2 9 8 |
| **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

<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/No</td>
</tr>
<tr>
<td>re-</td>
<td></td>
<td></td>
<td>Yes/No</td>
</tr>
<tr>
<td>un-</td>
<td></td>
<td></td>
<td>Yes/No</td>
</tr>
<tr>
<td>pre-</td>
<td></td>
<td></td>
<td>Yes/No</td>
</tr>
</tbody>
</table>

Grade 2 | ELA

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ozobot
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
Learn Anywhere
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
Create your free Ozobot Classroom account

1. Go to classroom.ozobot.com
2. Click “Sign in with Google”
Assigning a Lesson

1. Open the lesson.
2. Click “Share with Students”
3. Send students the link to the lesson using your LMS or email.

To view what your students see, click on “Open Lesson As Student”
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)
Q & A
Giveaway!
Win an Educator Entry Kit

Email cassandra@ozobot.com with your name and shipping address

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