

Welcome!

We'll get started soon.

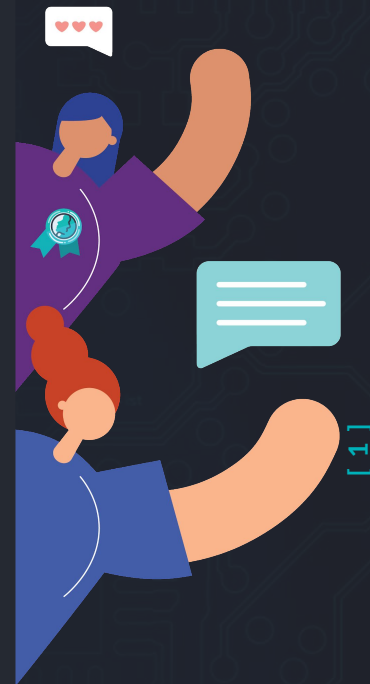
In the meantime, introduce yourself in the Chat

Tip: select "All Panelists and Attendees" in the Chat drop-down

Ozobot 101

Creating the future of education
4 pm PDT/ 7PM EDT

ozobot®



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

Source: [Gallup](#)

Hands-On STEAM Learning

Increase
engagement

Boost
retention up to
75%

Source: [Education Corner](#)

Future-Ready Skills

65%
of elementary
students will have jobs
that don't exist yet

Source: [World Economic Forum](#)

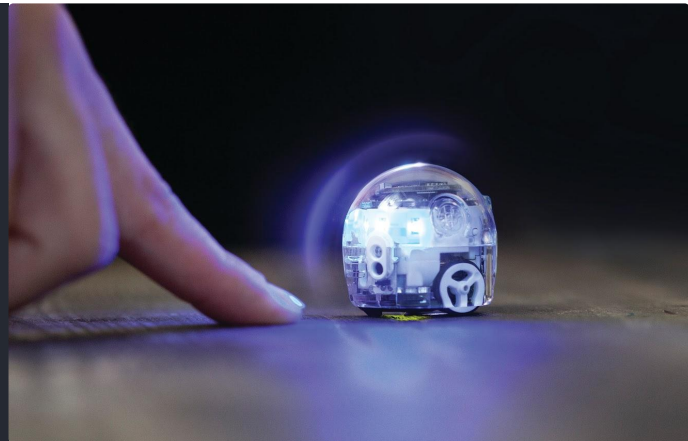
Social-Emotional Wellbeing

“When I place a robot
in front of a learner,
what I see on their
face is
joy!”

– Ozobot Certified Educator

- 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

2014
Ozobot



2015
Bit



2017
Evo



2019
Ozobot Classroom



How It Works



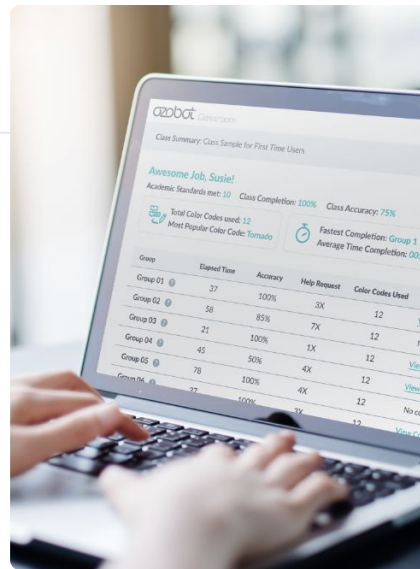
1-Inch Robots

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

All grade levels

K-12

All subjects

74%

of users teach core
subjects with Ozobot

Standards: CCSS Math/ELA,
ISTE, CSTA, NGSS, & more

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:

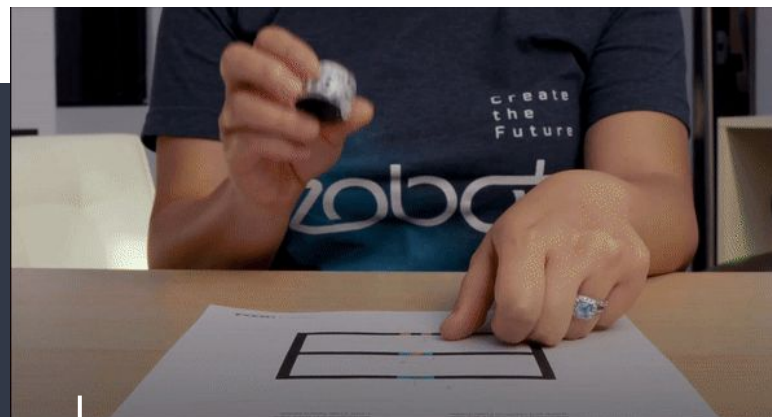
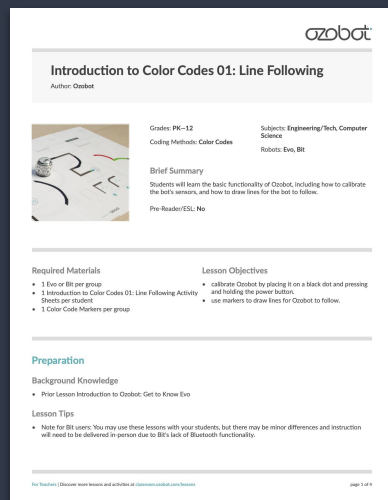
- Synchronous Lesson Plan
- Instructional Video
- Student Activity Guide
- Student Activity Sheets
- Teacher Answer Key/Potential Solution

classroom.ozobot.com/lessons

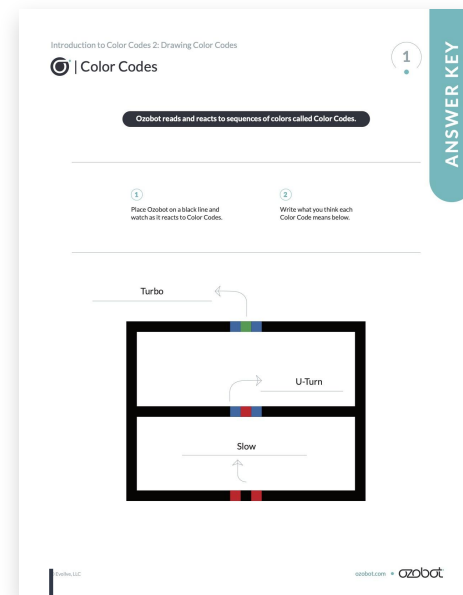
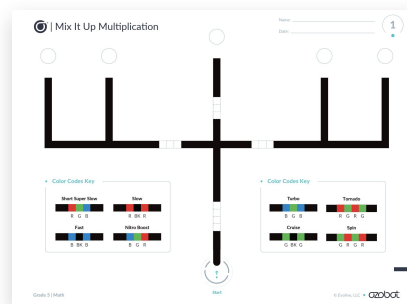
[Lesson Library](#)

The screenshot shows the Ozobot Classroom interface. At the top, the logo reads "ozobot Classroom". Below the logo is a navigation sidebar with icons and labels: Dashboard, Classes (with a "NEW" badge), Lessons, Devices (with a "NEW" badge), OzoBlockly, and Help. At the bottom of the sidebar is a "Settings" icon. The main content area is divided into several sections. The top section, titled "Sarah Laplace", shows "Achievements" with a "Bot Camp PD" item (1 hr) and a "Continue" button. To the right of this are two cards: "START HERE" for "Bot Camp" (Training for educators in 2 Ways to Code) with a "Start Training" button, and "PRODUCT" for "Unlock Full Features!" (Enter your license code or request a Communicator to unlock boosted Bluetooth and more!) with a "Get More" button. Below these are three more cards: "Lesson Library" (Browse and save K-12 lessons) with an icon of a laptop and a pencil, "Classroom Updates" (Hands-On, Learn Anywhere Lessons: Halloween Special, October 13, 2020) with an image of a robot on a circuit board, and "Lesson Creator" (Create more lessons. You could become a Certified Educator) with an icon of a robot and a pencil.

What's in a Video Lesson?



Instructional Videos for Self-Guided Learning



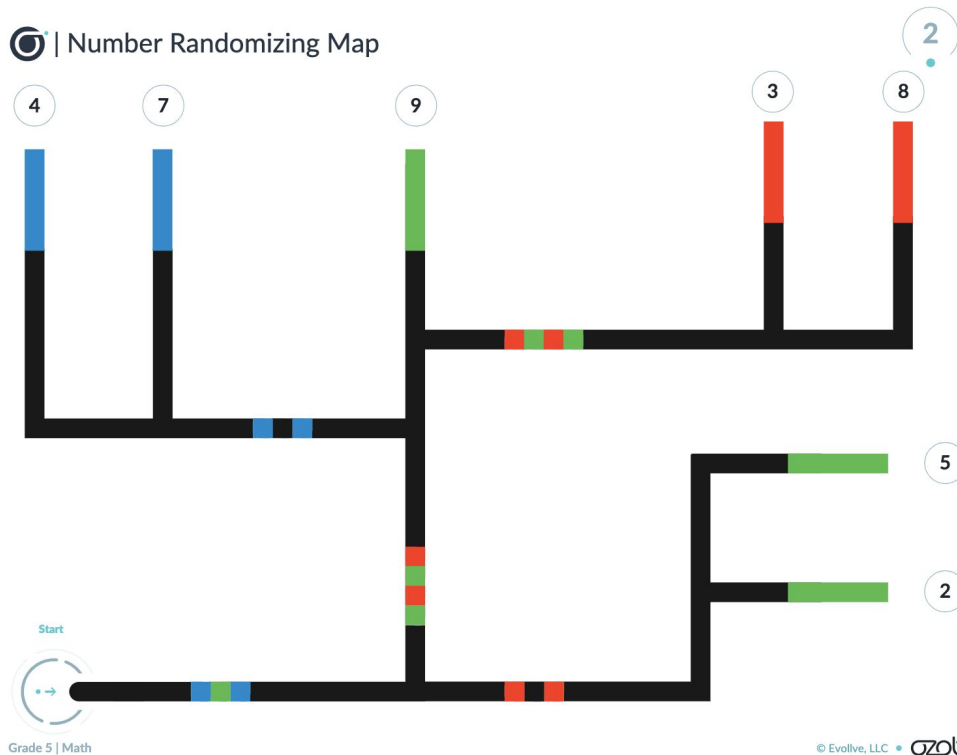
Answer Keys/Sample Solutions

Activity Sheets for Students

Standards-Aligned Lesson Plans for Synchronous and Asynchronous Sessions

5th Grade Math

Number Randomizing Map



Grade 5 | Math

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Number Randomizer

Place Value & Number Forms Worksheet

Random
Number

1

Standard Form:
4 7 3 . 2 5 8

Word Form:
four hundred seventy-three and
two hundred fifty-eight thousandths

Expanded Form:
400 + 70 + 3 + 0.2 + 0.05 + 0.008

Random
Number

2

Standard Form:
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

3

Standard Form:
8 4 8 . 2 9 8

Word Form:
eight hundred forty-eight and
two hundred ninety-eight thousandths

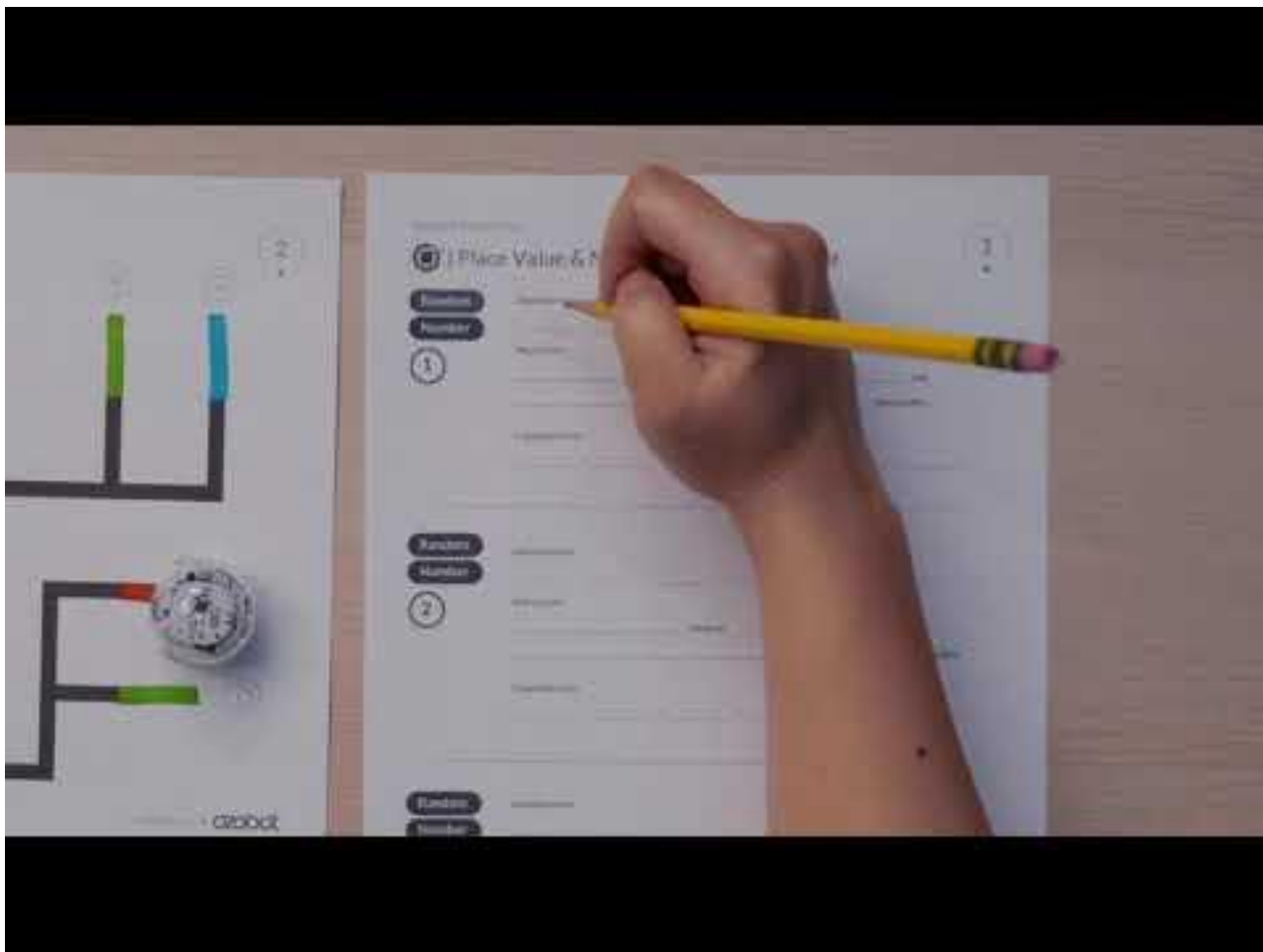
Expanded Form:
800 + 40 + 8 + 0.2 + 0.09 + 0.008

Grade 5 | Math

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azobot
14

SAMPLE SOLUTION

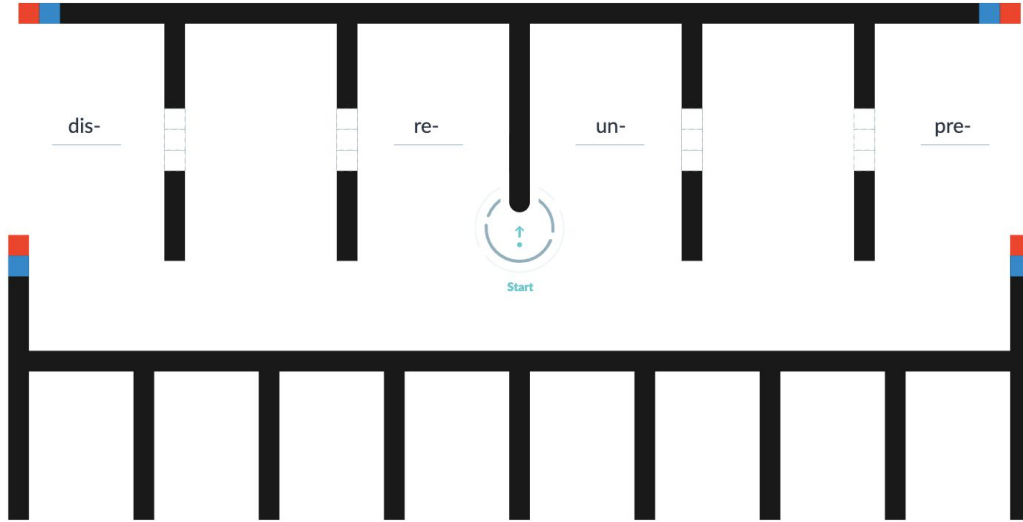


2nd Grade ELA

Random Prefix Prefix Chooser

Name: _____
Date: _____

1



like happy do move appear heat school able lucky

Random Prefix

Random Prefix Activity Sheet

Name: _____ 2

Use your Ozobot to choose a prefix and a root to make a word. Decide if the word is one that is normally used. If yes, circle Y and write the meaning in the far right column. If no, add another prefix to the root to make a word that is normally used, then write the meaning in the far right column. Only write a prefix + root combination one time. If your bot chooses the combo again, go back to start and choose again.

	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	_____	+	_____	= _____	<input type="radio"/> Yes <input type="radio"/> No	_____	_____
2	_____	+	_____	= _____	<input type="radio"/> Yes <input type="radio"/> No	_____	_____
3	_____	+	_____	= _____	<input type="radio"/> Yes <input type="radio"/> No	_____	_____
4	_____	+	_____	= _____	<input type="radio"/> Yes <input type="radio"/> No	_____	_____
5	_____	+	_____	= _____	<input type="radio"/> Yes <input type="radio"/> No	_____	_____
6	_____	+	_____	= _____	<input type="radio"/> Yes <input type="radio"/> No	_____	_____
7	_____	+	_____	= _____	<input type="radio"/> Yes <input type="radio"/> No	_____	_____
8	_____	+	_____	= _____	<input type="radio"/> Yes <input type="radio"/> No	_____	_____
9	_____	+	_____	= _____	<input type="radio"/> Yes <input type="radio"/> No	_____	_____
10	_____	+	_____	= _____	<input type="radio"/> Yes <input type="radio"/> No	_____	_____

Grade 2 | ELA

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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)**

The screenshot displays the Ozobot Classroom web application. At the top, the 'ozobot Classroom' logo is on the left, and an 'Ask a teacher' button is on the right. Below the logo, a user profile for 'Enzo Allen' (EA) is shown with a 'Log Out' link. A sidebar menu on the left includes 'At home lessons', 'To Do' (2 items), 'Completed' (1 item), 'At school lessons', and 'Resources' (Color Codes Chart, Videos). The main content area features a lesson titled 'Introduction to Color Codes (1/3) - Line Following' by 'Melissa Toohey'. A progress bar shows 4 steps completed. The 'Instructions' section includes a video player and a list of 7 steps: 1. Line Following Sensors, 2. Calibration (highlighted), 3. Drawing Lines, 4. Draw a circle, 5. Drawing Corners and..., 6. Seeing Color, and 7. Great Work!. The '2 Calibration' section provides detailed instructions: 'Find Page 1. Calibrate your bot:', 'Use your Calibration Dot template, or draw a black dot slightly bigger than your bot.', 'Place Ozobot on the dot, and press down on the power button for 5 seconds (or until the top LED flashes white), then release.', and 'Ozobot moves outside of the circle and blinks green when calibrated.' Navigation buttons at the bottom include 'Back', 'Stuck? Ask for a hint!', and 'Next'.

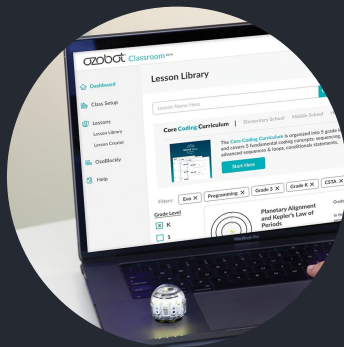
CARES Act Eligible
+ other federal & state initiatives!

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](https://www.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



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