

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

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

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](#)

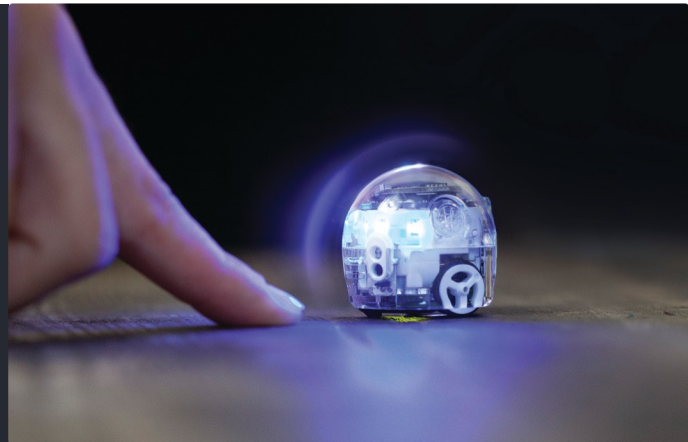
Social-Emotional Wellbeing

"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



//CODE//
2020 DATA CODE FINALIST

How It Works



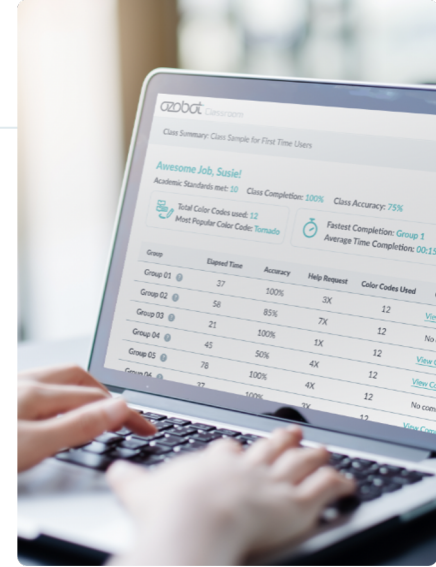
1-Inch Robots

Bluetooth-enabled with
programmable parts



2 Ways to Code

Screen-free with colors,
on screens with blocks



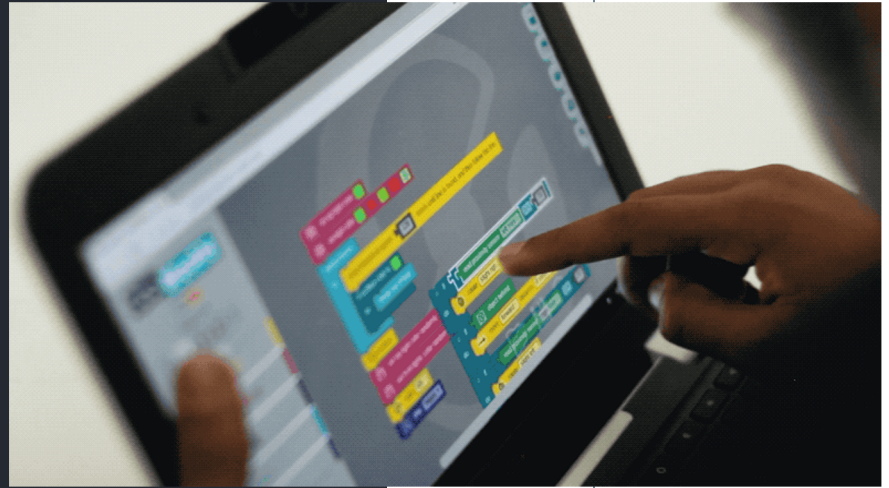
500+ K-12 Lessons

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:

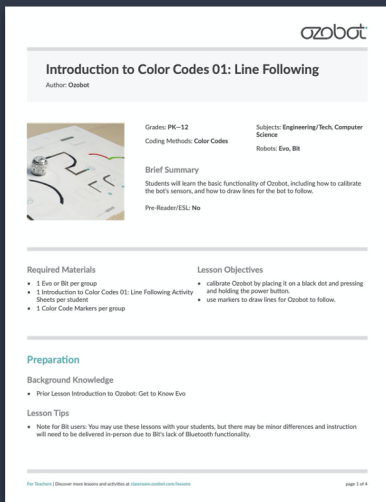
- Synchronous Lesson Plan
- Instructional Video
- Student Activity Guide
- Student Activity Sheets
- Teacher Answer Key/Potential Solution

classroom.ozobot.com/lessons

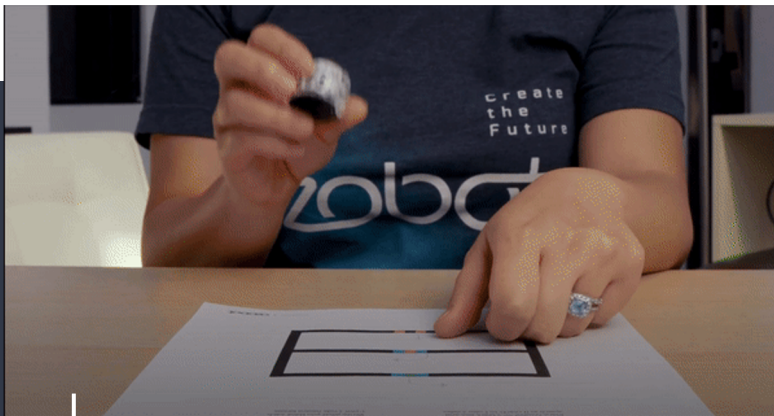
[Lesson Library](#)

The screenshot shows the Ozobot Classroom interface. At the top, the logo 'ozobot Classroom' is displayed. Below it, a sidebar on the left contains navigation links: Dashboard, Classes (with a 'NEW' badge), Lessons, Devices (with a 'NEW' badge), OzoBlockly, and Help. At the bottom of the sidebar is a 'Settings' link. 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. Below this is the 'Lesson Library' section, which includes an illustration of a laptop and a pencil, and the text 'Browse and save K-12 lessons'. To the right of the Lesson Library are two columns of cards. The first column has a 'START HERE' card titled 'Bot Camp' with the subtitle 'Training for educators in 2 Ways to Code' and a 'Start Training' button. The second column has a 'PRODUCT' card titled 'Unlock Full Features!' with the subtitle 'Enter your license code or request a Communicator to unlock boosted Bluetooth and more!' and a 'Get More' button. Below the Lesson Library is a 'Classroom Updates' section featuring two images: one of a robot on a table and another of a robot on a piece of paper. The first image is titled 'Hands-On, Learn Anywhere Lessons: Halloween Special' with the date 'October 13, 2020'. The second image is titled 'Using Our Imagery Platform'. To the right of the Classroom Updates is a 'Lesson Creator' section with the text 'Create more lessons. You could become a Certified Educator'.

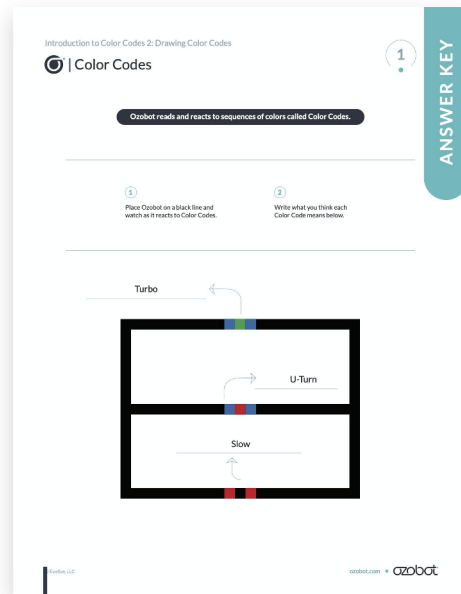
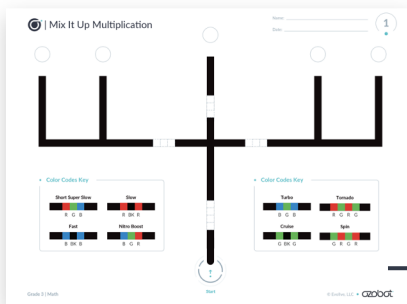
What's in a Video Lesson?



Standards-Aligned Lesson Plans for Synchronous and Asynchronous Sessions

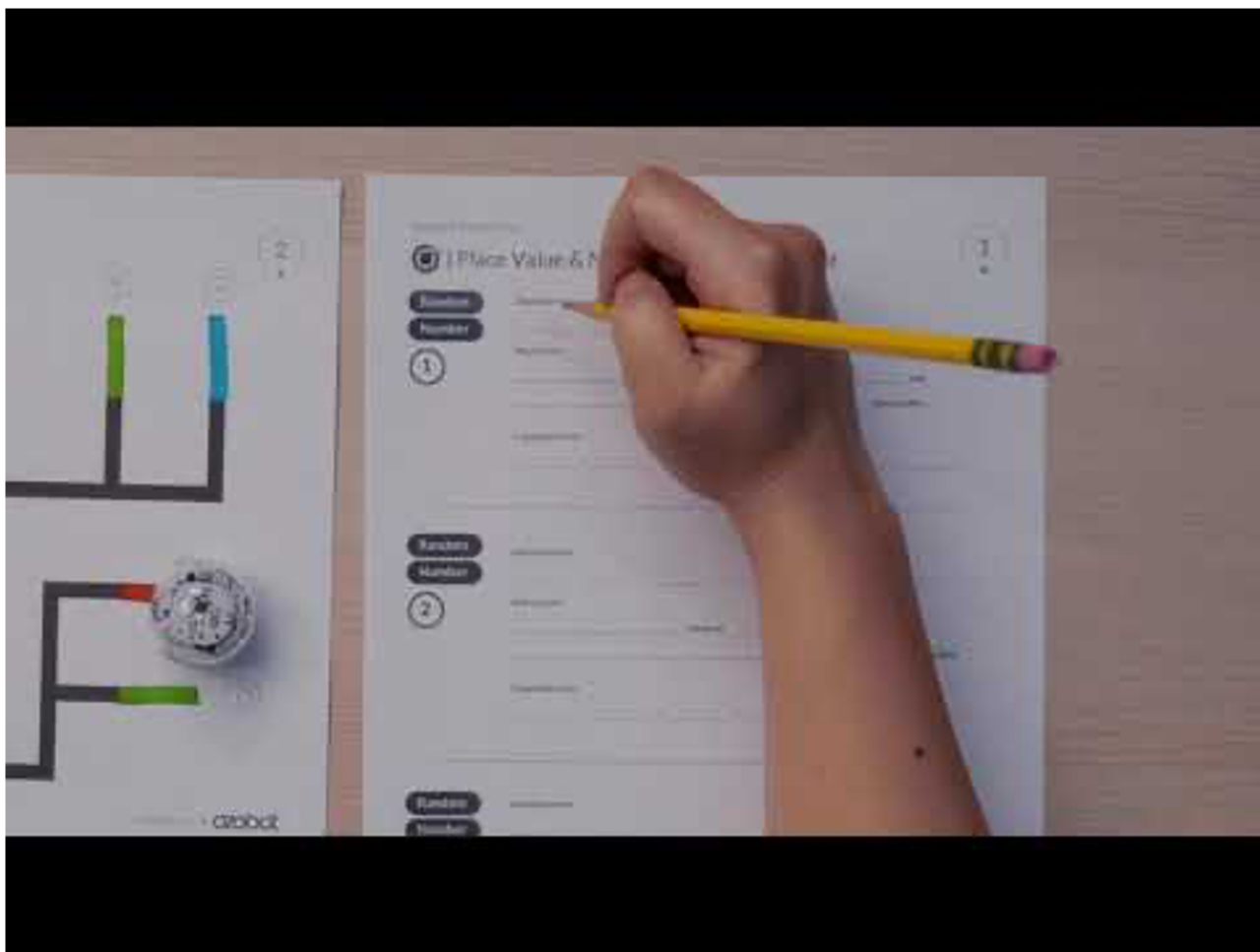


Instructional Videos for Self-Guided Learning



Answer Keys/Sample Solutions

Activity Sheets for Students



2nd Grade ELA

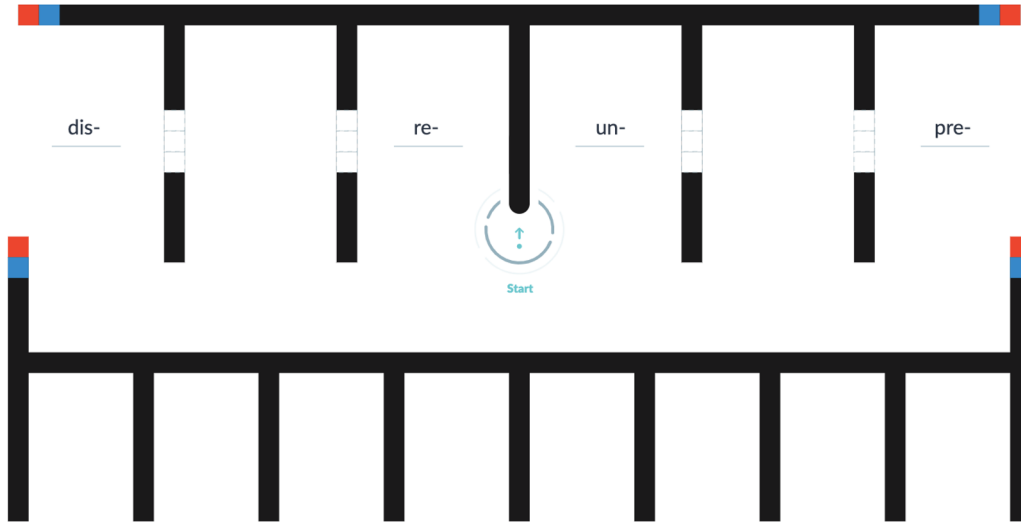
Random Prefix



Name: _____

Date: _____

1



like happy do move appear heat school able lucky

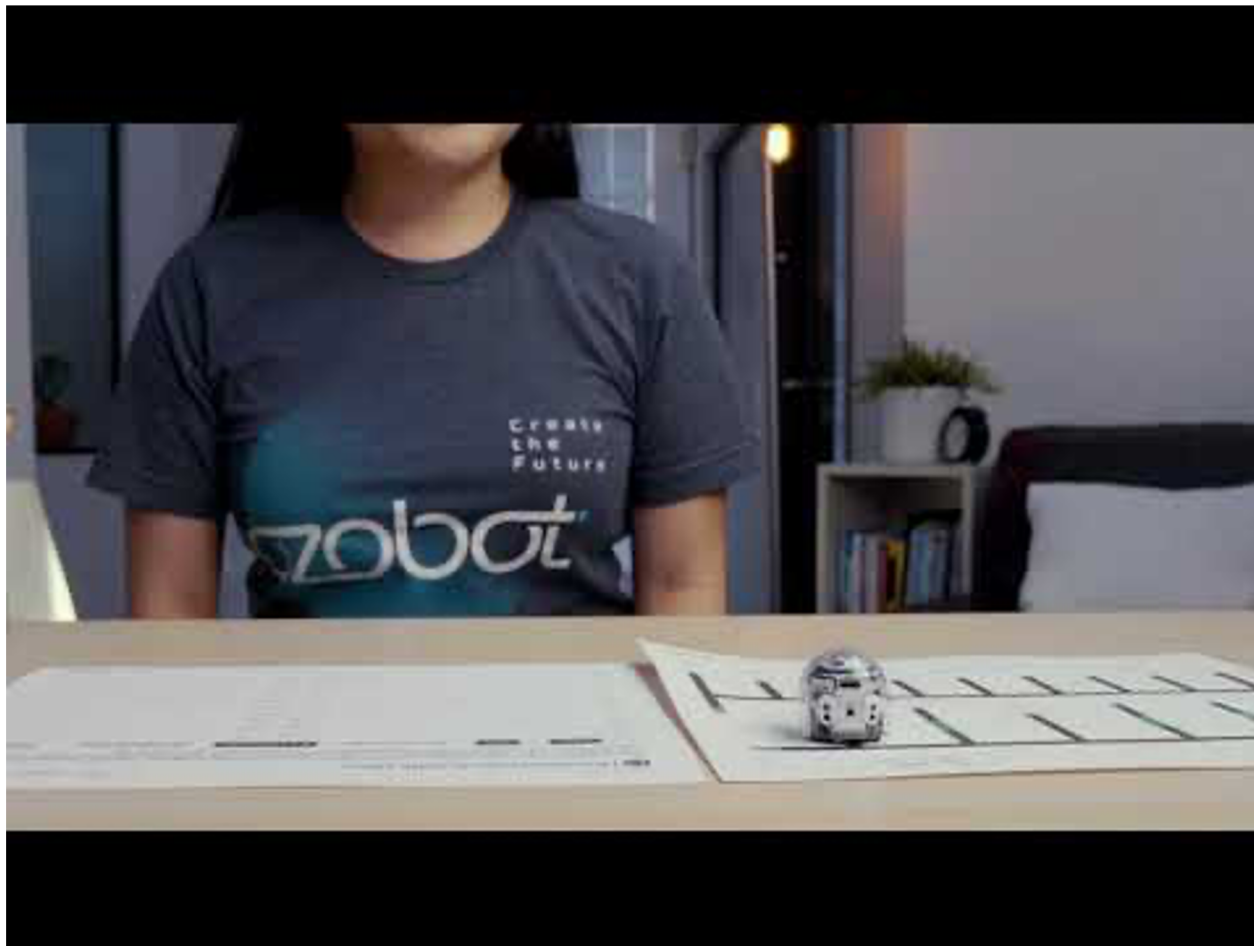
Random Prefix



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.

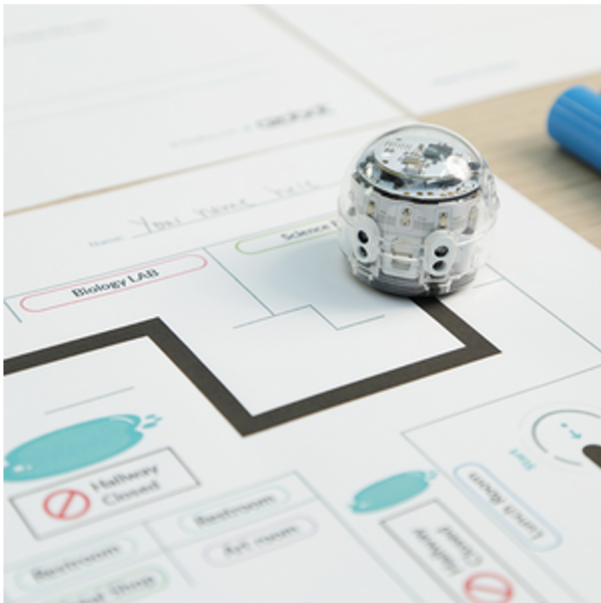
	Prefix	+	Root	=	What does it make?	Is it a real word?	If no, use the root with a different prefix	What does the word mean?
1	_____	+	_____	=	_____	<input type="radio"/> Yes <input type="radio"/> No	_____	_____
2	_____	+	_____	=	_____	<input type="radio"/> Yes <input type="radio"/> No	_____	_____
3	_____	+	_____	=	_____	<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	_____	_____



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 a link to 'Ask a teacher' is on the right. Below the logo, a user profile for 'Enzo Allen' (EA) is shown with a 'Log Out' link. A sidebar on the left contains navigation options: '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, dated June 25th. 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' step is expanded, showing instructions to calibrate the bot using a dot template or a black dot, and a 'Back' button is visible at the bottom left.

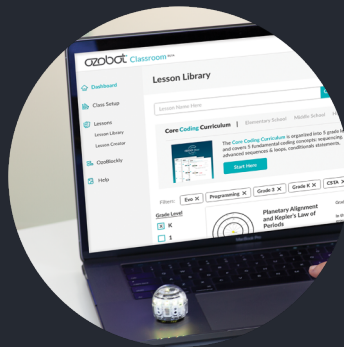
CARES Act Eligible
+ other federal & state initiatives!

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](https://ozobot.com/create/challenges) – ozobot.com/create/challenges
 - Get a free copy of the [Ozobot Funding & Grants Tool](https://ozo.bot/funding) – ozo.bot/funding
 - CARES Act info & letter template
 - Samples of successful grants
- Got bots? Get started with [Ozobot Classroom](https://classroom.ozobot.com):
 - 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



ozobot[®]