

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 PST / 7PM EST

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



Diego Covarrubias

Account Executive (CA, CT, LA, OK, WV)

Ozobot Expert, STEAM Specialist, technology enthusiast.

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



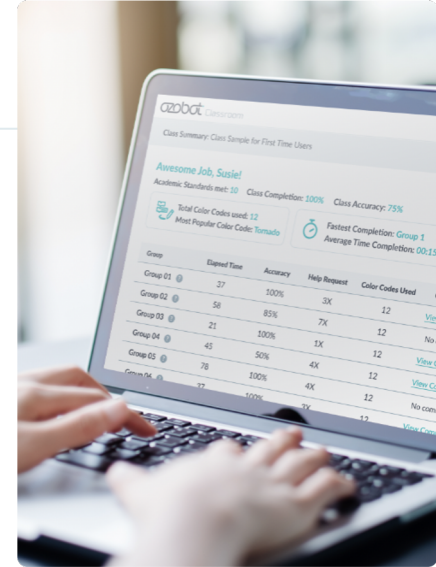
1-Inch Robots

Bluetooth-enabled with programmable parts



2 Ways to Code

Screen-free with colors,
on screens with blocks



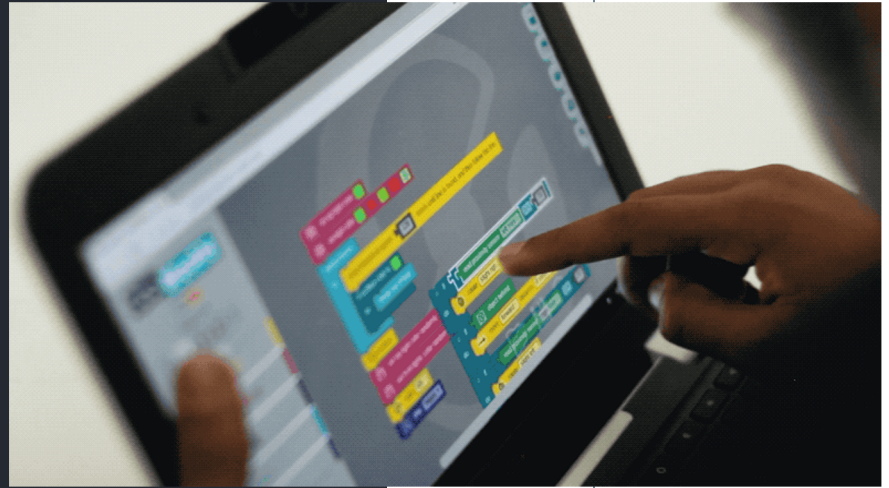
500+ K-12 Lessons

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

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:

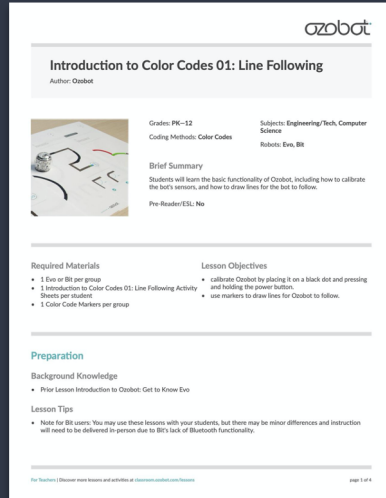
- Synchronous Lesson Plan
- Instructional Video
- Student Activity Guide
- Student Activity Sheets
- Teacher Answer Key/Potential Solution

classroom.ozobot.com/lessons

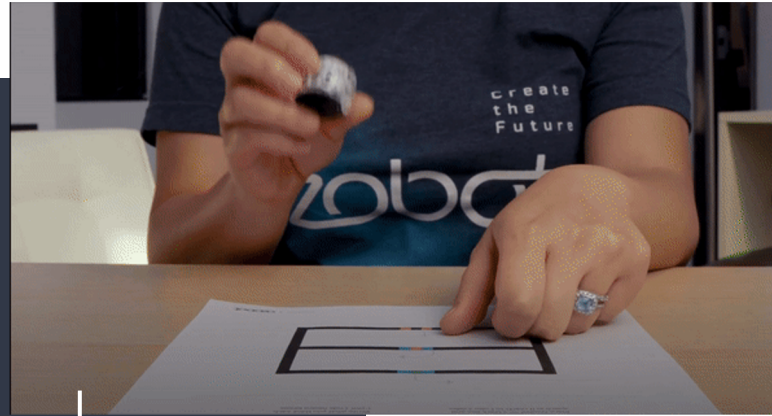
[Lesson Library](#)

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" entry (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 person, "Classroom Updates" (Hands-On, Learn Anywhere Lessons: Halloween Special, October 13, 2020) with an image of a robot on a table, and "Lesson Creator" (Create more lessons. You could become a Certified Educator) with an icon of a robot and a document.

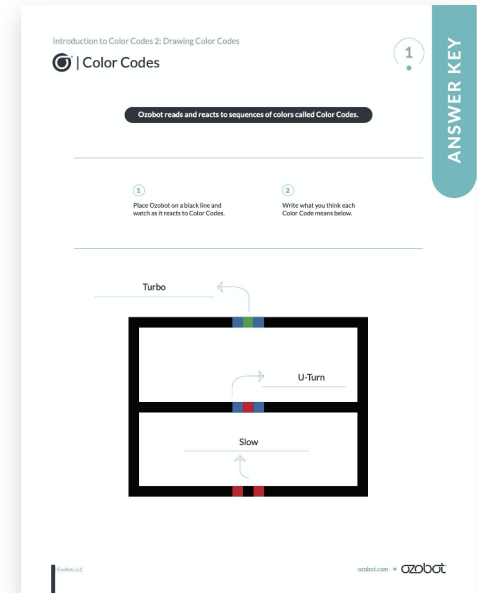
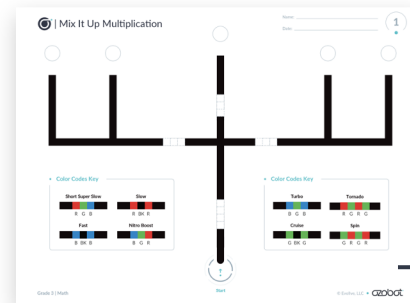
What's in a Learn Anywhere Lesson?



Standards-Aligned Lesson Plans for Synchronous and Asynchronous Sessions

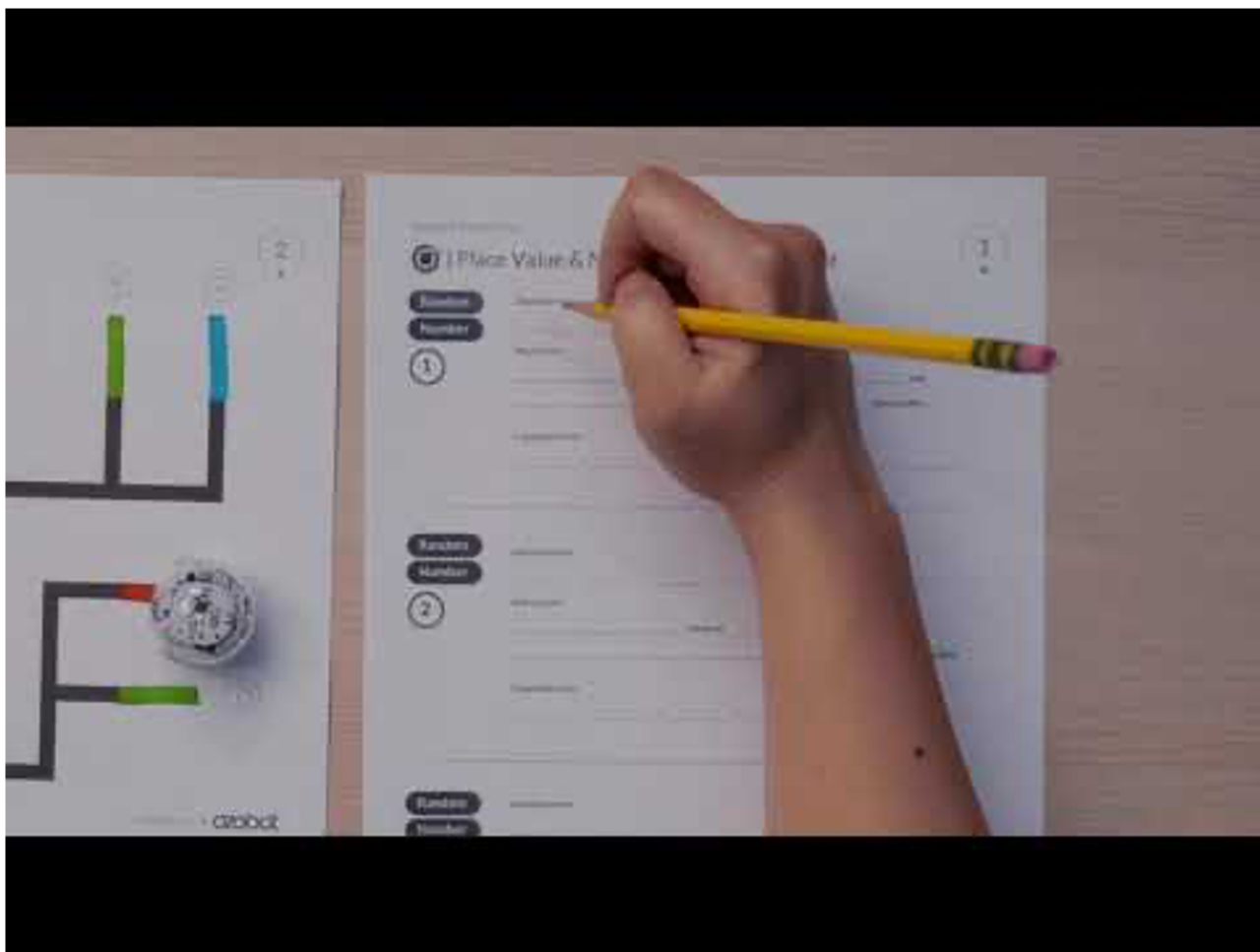


Instructional Videos for Self-Guided Learning



Answer Keys/Sample Solutions

Activity Sheets for Students

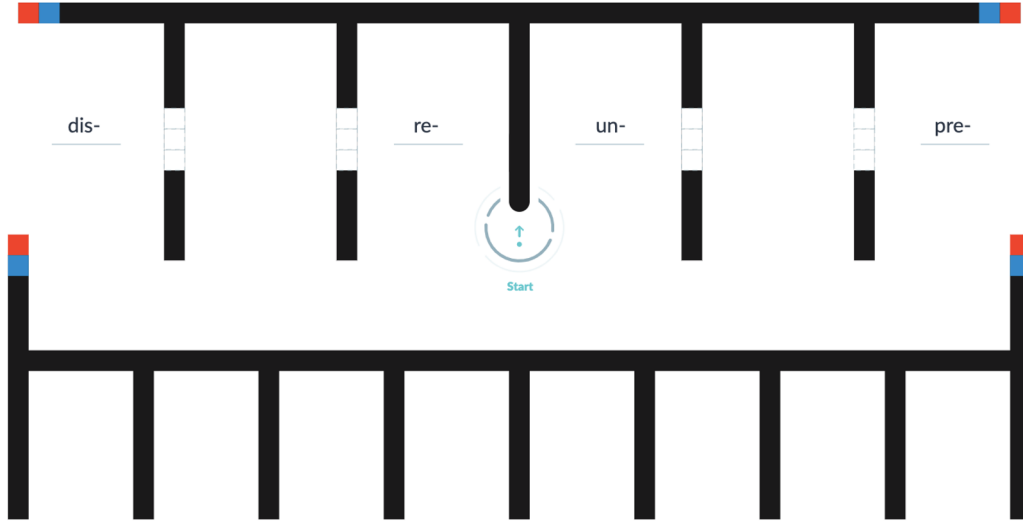


2nd Grade ELA

Random Prefix Prefix Chooser

Name: _____
Date: _____

1



like happy do move appear heat school able lucky

Random Prefix

Random Prefix Activity Sheet

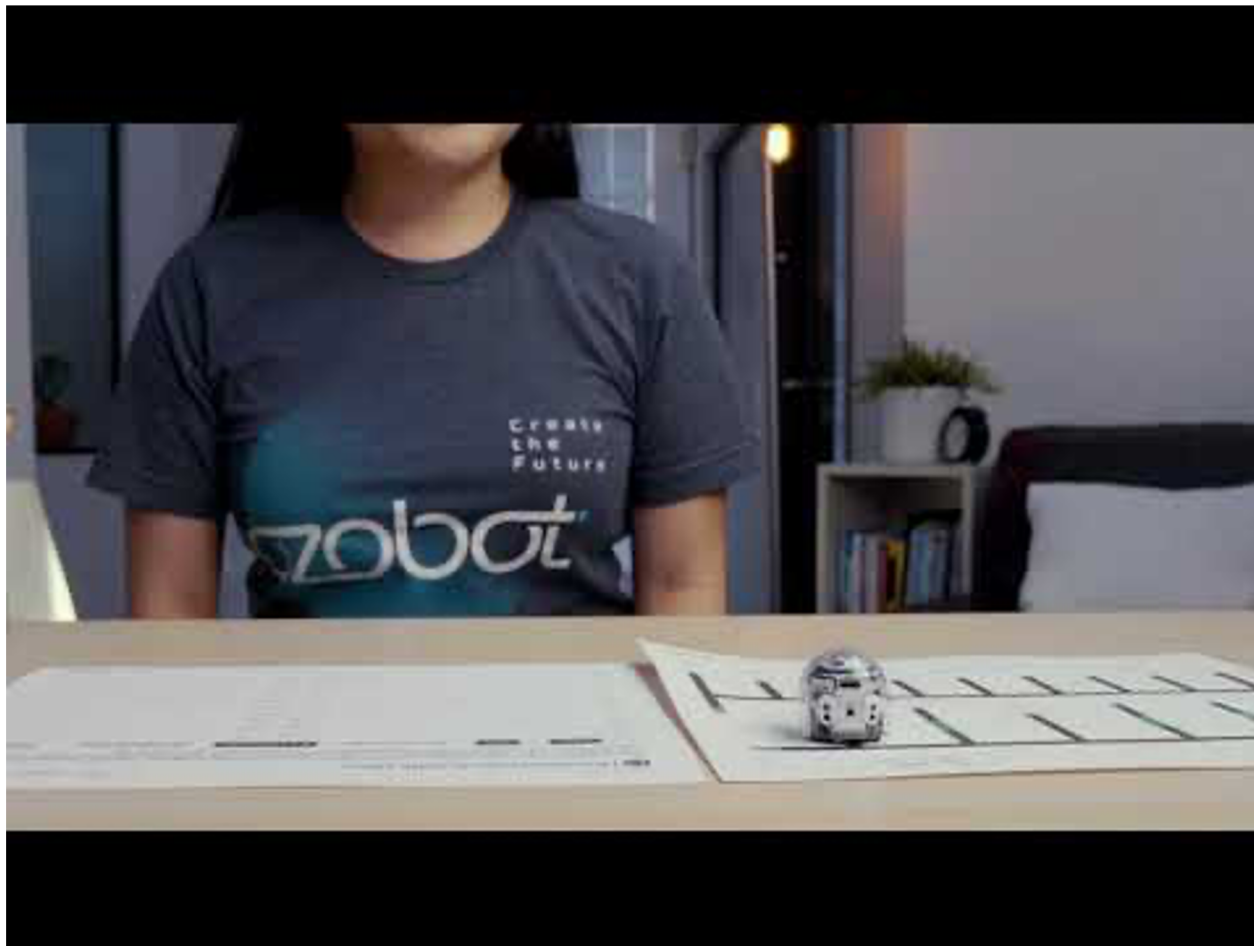
Name: _____ 2

Use your Qzobot 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

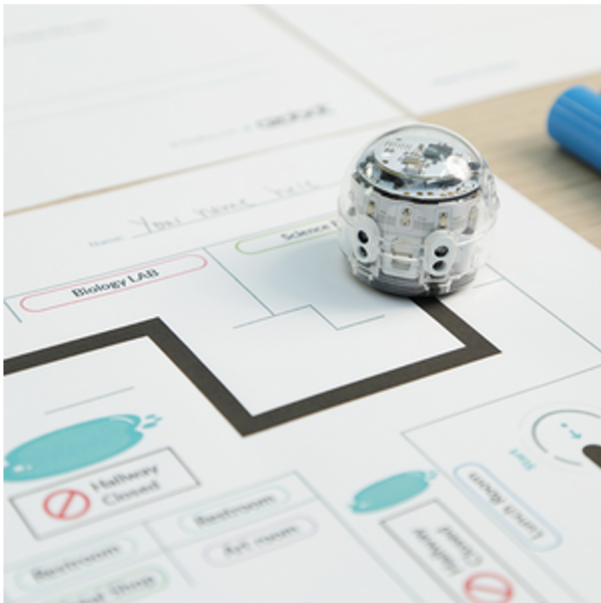
© Evolve, LLC • ozobot



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

[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. On the left sidebar, a user profile for Enzo Allen (EA) is shown with a 'Log Out' link. Below the profile are navigation links for 'At home lessons', 'To Do' (2 items), 'Completed' (1 item), and 'At school lessons'. A 'Resources' section includes links for 'Color Codes Chart' and '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 indicates 4 steps. A list of instructions is shown on the right, with step 2, 'Calibration', highlighted. The 'Calibration' section includes a video player and text 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. Ozobot moves outside of the circle and blinks green when calibrated.' Navigation buttons for 'Back', 'Stuck? Ask for a hint!', and 'Next' are at the bottom.

ozobot Classroom

Ask a teacher

25-30 min Color Codes S M ELA CS Jun 25th 2 days

Introduction to Color Codes (1/3) - Line Following

Class Name, Section 1
Melissa Toohey

4

Completion Checklist

Instructions

1. Line Following Sensors
2. Calibration
3. Drawing Lines
4. Draw a circle
5. Drawing Corners and...
6. Seeing Color
7. Great Work!

2 Calibration

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.
- Ozobot moves outside of the circle and blinks green when calibrated.

Back Stuck? Ask for a hint! Next

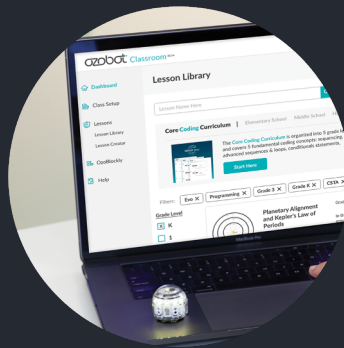
CARES Act Eligible
+ other federal & state initiatives!

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](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



Be introduced to Ozobot Evo, a 1 inch robot programmable 2 Ways:

- Hands-on with Colors
- On-Screen with Blocks

Thank You



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