

Your creative companion with a heart of {code}.

# First Thing's First

You'll need an Ozobot Classroom account to access our lesson library.



Need help getting started? We're here to help! Contact support@ozobot.com

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**02060**<sup>1</sup> 1

Get to Know Evo

Introduction to Ozobot.



**02060**<sup>1</sup> 2



### Calibrate Evo



Draw a black circle, slightly bigger than your bot. Place Evo on it.

Press and hold Evo's power button for 5 seconds (or until its top LED flashes white), then release. Fill with Black Marker

Evo will rotate 90° left & right, move outside the circle, and blink green when calibrated. If Evo blinks red, start over from Step 1.



#### 다. When to Calibrate?

Evo reads lines and colors using optical sensors, which can be affected by the amount of light in a room. If Evo isn't acting how you expect, then you may need to calibrate! You should also calibrate every time you change from a digital surface to paper.

# **COLOR CODE** Chart

Short Super Slow	<b>&gt;&gt;&gt;&gt;</b> Slow	>>>> Cruise
RGB	R BK R	G BK G
<b>&gt;&gt;&gt;&gt;</b> Fast	>>>> Turbo	Nitro Boost
B BK B	B G B	BGR
Left at Intersection	Straight at Intersection	Right at Intersection
G BK R	B BK R	BRG
Line Switch Left	Line Switch Straight	Line Switch Right
GRG	G B G	RGR
U-Turn	U-Turn (line end)	Tornado
$\begin{array}{c} B & R & B \\ \hline \end{array}$	B R Spin	R G R G ← ★★★ Backwalk
B BK G R	G R G R	R G BK B
Win/Exit (Play Again)	Win/Exit (Game Over)	BK: Black B: Blue G: Green R: Red



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#### Tornado Catcher



to help Evo catch the Tornado.

#### Place Evo on Start.

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## Color Code Emojis

Fill out the Color Code that best matches the emotion and trace the gray lines with a black marker.

Put Evo on the shapes and watch it act the emotion out.



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