

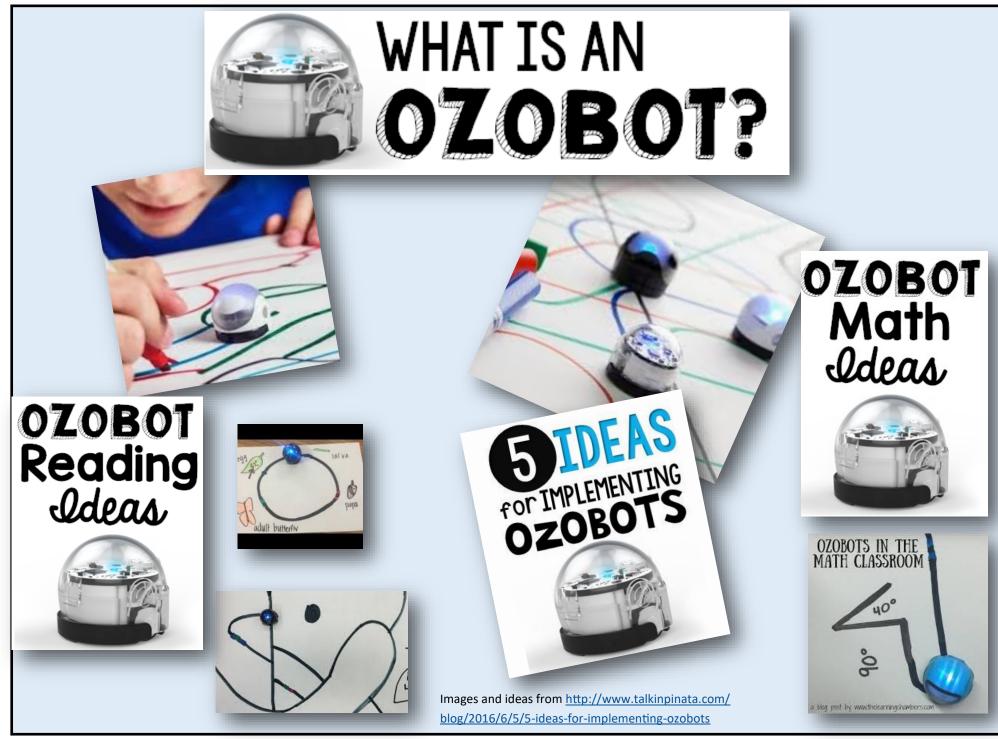
Ozobots ...

Books ...

Lines ...

Colours ...

Play ...





An Ozobot is a little toy robot that blends the physical and digital worlds — and teaches kids programming. ... An **Ozobot** can identify <u>lines</u>, colors, and codes on both digital surfaces, such as an iPad, and physical surfaces, such as paper.

WHAT IS A BOOK?

A **book** is a series of pages assembled for easy portability and reading, as well as the composition contained in it. ...

WHAT IS A LINE?

In geometry a *line*: • is straight (no curves), • has no thickness, and. • extends in both directions without end (infinitely). If it does have ends it is called a "*Line* Segment".

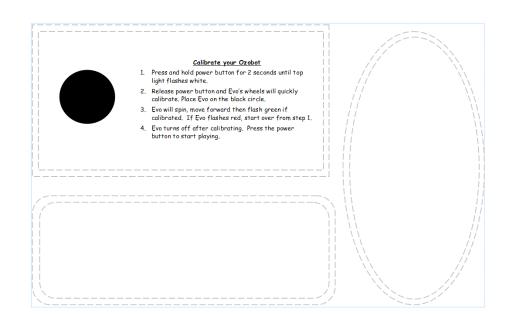
Can we learn and have fun with Ozobots, books and lines? Yup!



Before an Ozobot will work ...

It needs to be calibrated. Just breathe ... calibrating

is easier than you may think. In this kit there are mats for students to use. They have calibration instructions right on them. They look lik this:



Or, watch a quick video that shows what it looks like to calibrate an Ozobot. Here's the link:

https://bit.ly/2rBMW8D

Or scan this QR code to watch the same video.

(You can scan a QR code

by downloading an App

called Scan. The icon

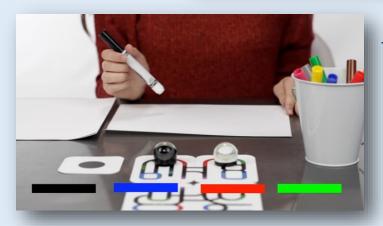
Looks like this:)





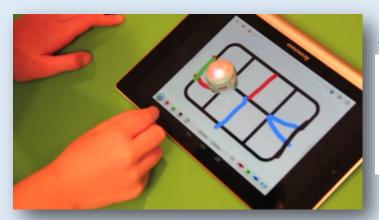






https://www.youtube.com/watch?v=m5d4iXGblGs





https://www.youtube.com/watch?v=Aw qJp6jm8I





When in doubt, do a quick search on the about Ozobots.



DRAW AND PLAY.

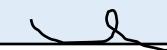
Control Ozobot with color markers by drawing lines and codes for it to explore. Connecting to the tiny robot like a new friend, kids of all ages will mold their own state of play, one line at a time.

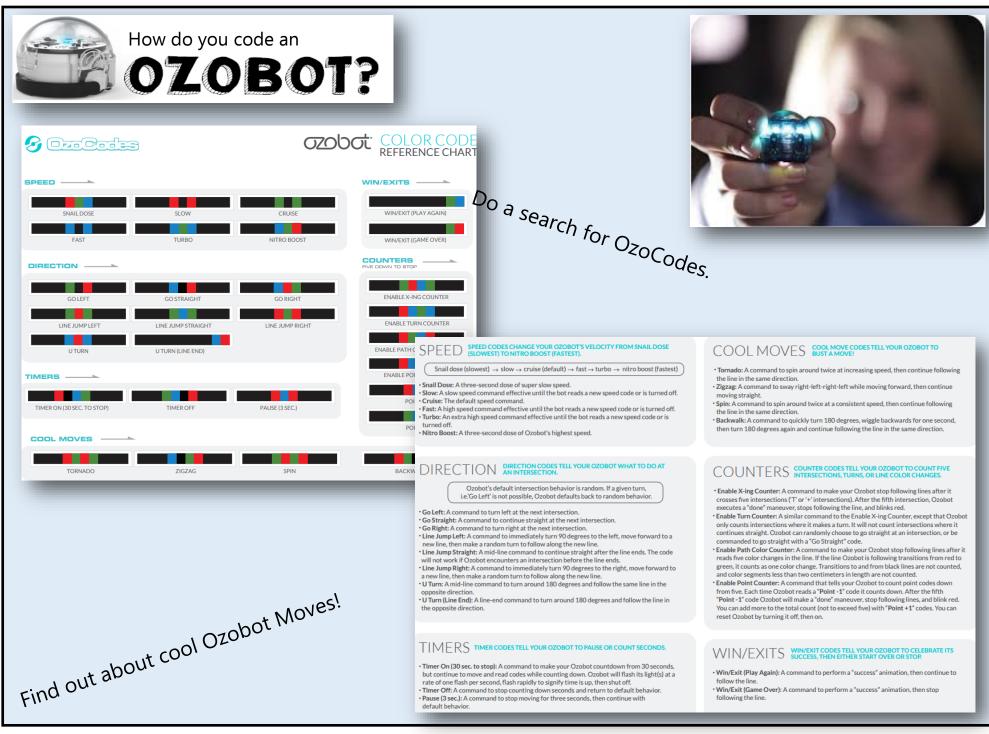
Learn more:

https://ozobot.com/play/color-code-language

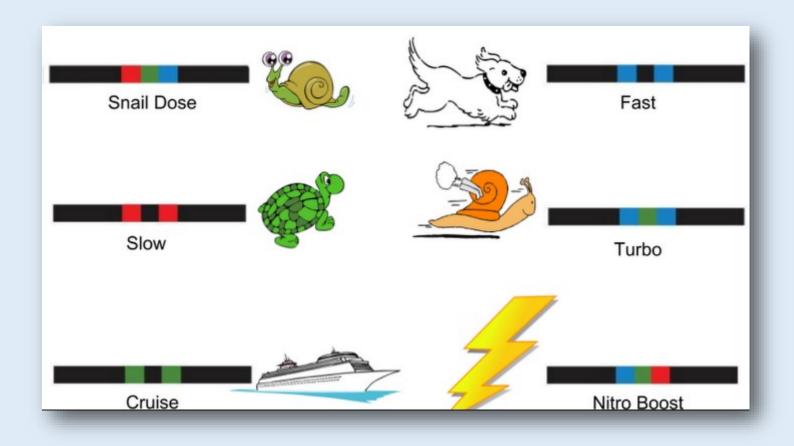
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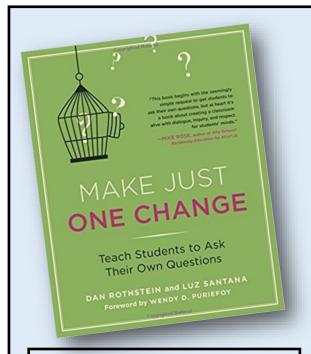












As students work with Ozobots, they can reflect on:

- which questions they've been able to answer,
- Which ones they haven't,
- Which ones were quick to answer,
- Which ones required lots of work to answer. Which ones were open, and which ones were closed.

Make Just One Change: Teach students to ask their own questions.

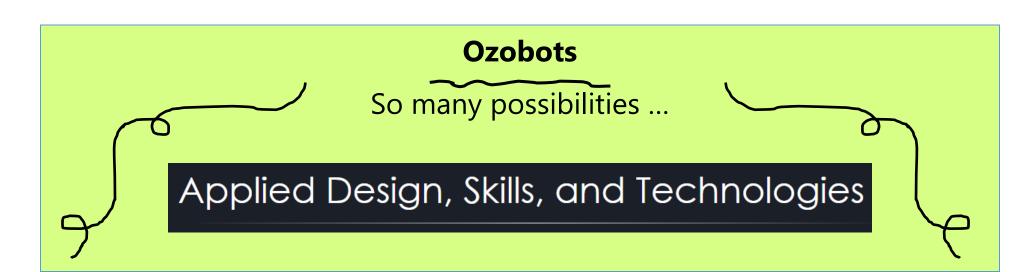
In this book, authors Rothstein and Santana invite educators to launch inquiry work with a statement rather than a question. They suggest that while teachers spend decades crafting their questioning skills, students are rarely taught this skill explicitly. Try this phrase as a launch ...

playing with lines and Ozobots

In this way, students are encouraged to ask their own questions such as:

- How do we play with lines?
- What's an Ozobot?
- What does it do?
- How do we find out how to use an Ozobot?
- What does an Ozobot look like?
- Do we have any Ozobot? How many do we have?
- Who uses Ozobots?
- Do we get to play? Are they getting curious? Yup!





Kindergarten 123



