## Color Code | Guide

## Markers

To draw Color Codes, you'll need black, red, green, and blue markers (included with your Ozobot).


Dry erase


Colored pencil


Crayons

## Lines, Corners, \& Curves



Line Spacing
$\longleftrightarrow \quad$ Lines should be at least 1in $(25 \mathrm{~mm})$ from another line


Too close

## Angles




Highlighter

Ozobot Markers
Alternatives: Crayola Classic / Crayola Pastels / Sharpie Chisel Tips

Draw a line Ozobot can follow
Line Thickness:
$5 \mathrm{~mm} / 0.2 \mathrm{in} / 14 \mathrm{pt}$
Tips:
The flat side of your Ozobot marker's chisel tip is the perfect thickness


Tips
perfect thickness


## Color Guide for Color Codes

## Color Code | Guide

End Line

## What is a Color Code?

A Color Code is a short sequence of 2 to 4 colors that Ozobots Evo and Bit can read and respond to. Evo and Bit use optical sensors and respond with pre-programmed behaviors-by speeding up, slowing down, changing direction, or making cool moves (see Color Code Chart).

2-color codes need to be at line end


## 区 What Not to Do



Too dark


Squares should be $5 \times 5 \mathrm{~mm}$ max


Codes should be the same height as the line


Codes should be at least 1in apart


Color Codes should be at least 1 in from intersections

## Colon Code | Lesson Maps Guide



Zigzag and Backwalk require min 2.5in after the end of the code to pick up another Color Code or intersection


Spin and Tornado require min 1.25in
after the end of the code to pick up another Color Code or intersection

Line Switch Right and Line Switch
Left require a parallel black line beside it. Line Switch Straight requires a perpendicular line.

## Colon Code | Lesson Maps Guide

When creating maps, print the next page and refer to the guides on this page for more information.


Any black lines and Color Codes should be placed at least 0.5 in away from the titles and date/name

Any black lines and Color Codes should be placed within this red box.

Any black lines and Color Codes should be placed 1 in away from left and right edge of the paper.

Any black lines and Color Codes should be placed within the red box and not touching footers.
© | Chapter title (top left corner) $\qquad$

