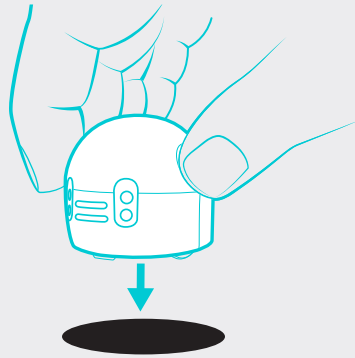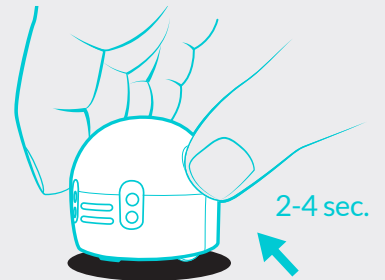# ozobot edu
COLOR CODE TIPS

PAPER CALIBRATION

1 Make sure bot is powered off, then place it in the black circle.
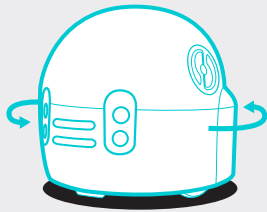
2 Press & hold bot's Power Button for 2-4 sec. until top light blinks white. Then, release Power Button.
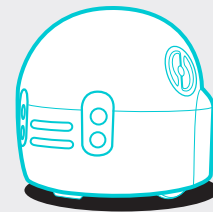
2-4 sec.

3 Your bot blinks green when calibrated. If bot blinks red, start over from step 1. Evo also spins during calibration.

X ✓

4 Press the Power Button to turn Bit back on. Evo powers on automatically after calibrating.
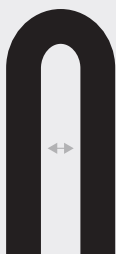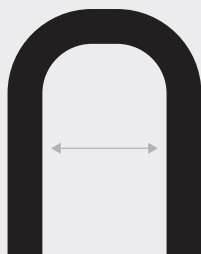
DRAWING LINES

X
Too Thin!

X
Too Thick!

X
Inconsistent!

✓
Just Right

X
Too Close!

✓
Just Right

X
Too Sharp!

✓
Just Right

✓
Just Right

DRAWING COLOR CODES

X — Codes on colored lines

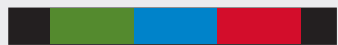X — Different sizes

X — White spaces

X — Overlapping colors

X — Too dark

X — Single color squares larger than 1/4"

✓ — Single color squares approx 1/4"
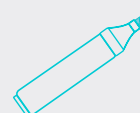
Codes on black lines

MARKERS

To draw any Color Code, you will need a combination of black, red, green and blue markers.
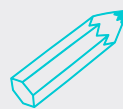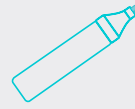
X — Dry Erase

X — Crayons

✓ — Ozobot Markers
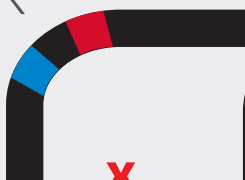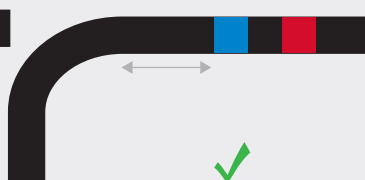Crayola Classic
Crayola Pastels
Sharpie Chisel Tips
(use light green and
light blue)

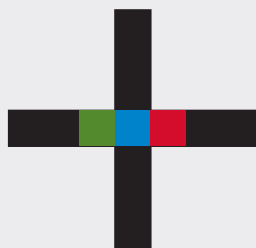X — Colored pencil

X — Highlighter

COLOR CODE PLACEMENT

X — Codes on corners

✓ — Keep codes on straight lines away from corners

X — Too close to intersection
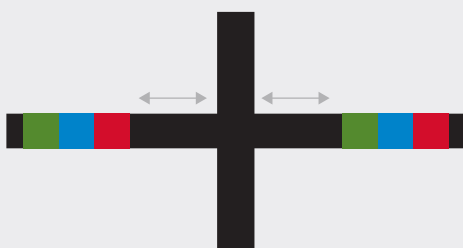
✓ — Place codes away from intersections

X — Codes too close
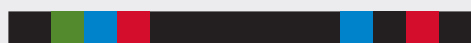
✓ — Codes at least 1" apart

✓ — Two-color codes need to be at line end

✓ — All other codes need black line before and after

STICKERS

X — Codes on colored lines

GO STRAIGHT

X — Codes on corners

GO STRAIGHT

X — Not lined up

GO STRAIGHT

X — Too close

GO LEFT
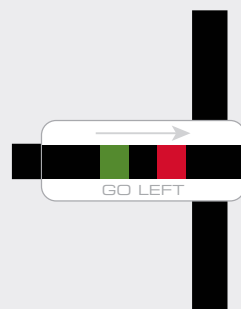
✓ — Align with straight, black lines

At least 1-inch from corners, intersections, and other codes

GO LEFT

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These calibration dots can be re-used for play on paper with Evo or Bit. **Cut along the dotted lines and fill circles in with black marker.**

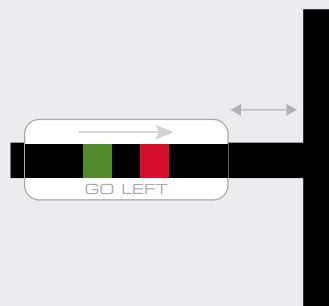Note: Do not laminate as your bot cannot properly calibrate on a laminated surface.

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CALIBRATION DOT
TEMPLATES

Evo | Bit

CALIBRATION DOT

How to Calibrate:
1. Make sure bot is powered off, then place it in the black circle.
2. Press & hold bot's Power Button for 2-4 sec. until top light blinks white. Then, release Power Button.
3. Your bot blinks green when calibrated. If bot blinks red, start over from step 1. Evo also spins during calibration.
4. Press the Power Button to turn Bit back on. Evo powers on automatically after calibrating.

Fill in with
black marker

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CALIBRATION DOT

How to Calibrate:
1. Make sure bot is powered off, then place it in the black circle.
2. Press & hold bot's Power Button for 2-4 sec. until top light blinks white. Then, release Power Button.
3. Your bot blinks green when calibrated. If bot blinks red, start over from step 1. Evo also spins during calibration.
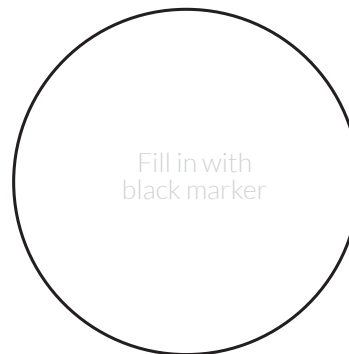4. Press the Power Button to turn Bit back on. Evo powers on automatically after calibrating.

Fill in with
black marker

ozobot

CALIBRATION DOT

How to Calibrate:
1. Make sure bot is powered off, then place it in the black circle.
2. Press & hold bot's Power Button for 2-4 sec. until top light blinks white. Then, release Power Button.
3. Your bot blinks green when calibrated. If bot blinks red, start over from step 1. Evo also spins during calibration.
4. Press the Power Button to turn Bit back on. Evo powers on automatically after calibrating.
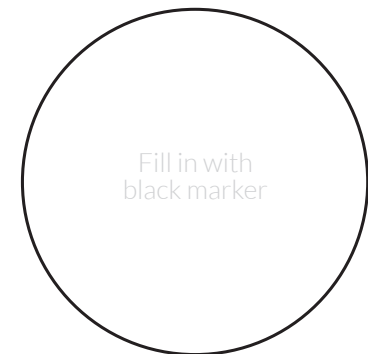
Fill in with
black marker

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