

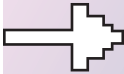
ozobot  
**Bit+**



Your creative companion  
with a heart of `{code}`.

# First Thing's First

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



Head to [classroom.ozobot.com](https://classroom.ozobot.com) or scan this QR code to sign up.



PS: Accounts are free and you'll gain access to over 700 standards-aligned lessons and activities!



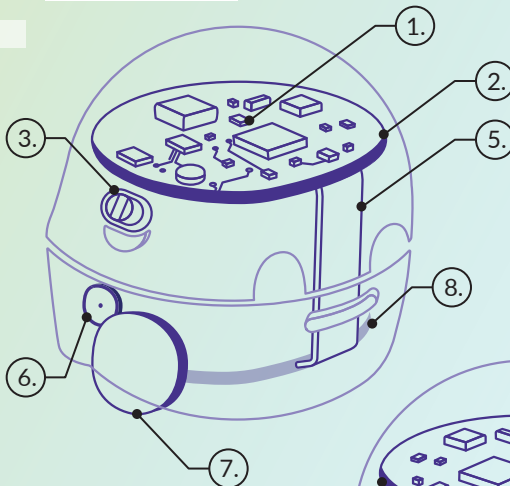
**Need help getting started?**

We're here to help! Contact [support@ozobot.com](mailto:support@ozobot.com)

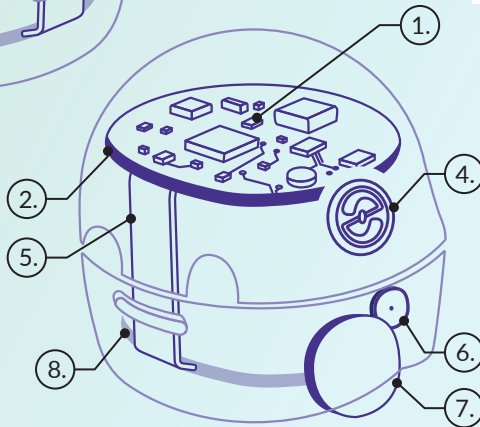
# Get to Know Bit+

Introduction to Ozobot.

**Left  
View**

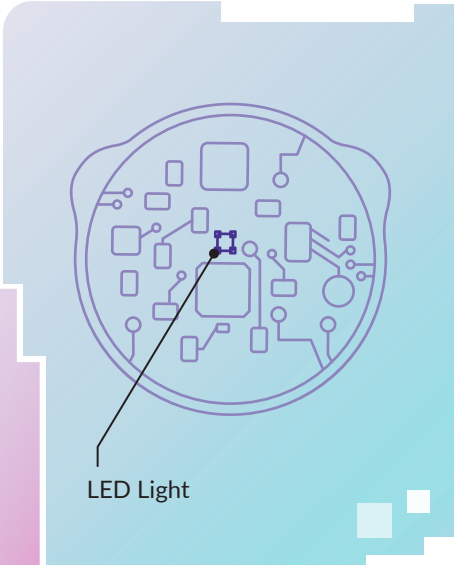


**Right  
View**



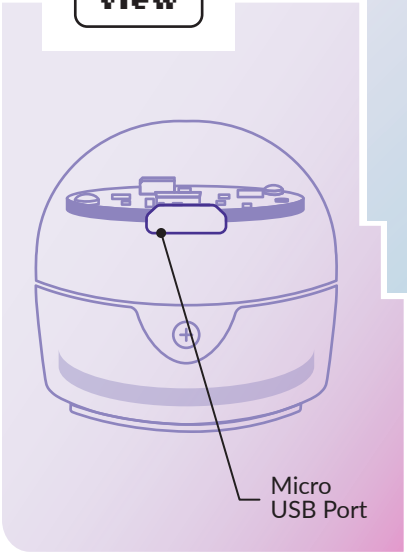
1. LED Light
2. Circuit Board
3. Battery Cut-Off Switch
4. Go Button
5. Flex Cable
6. Motor
7. Wheel
8. Sensor Board

**Top View**



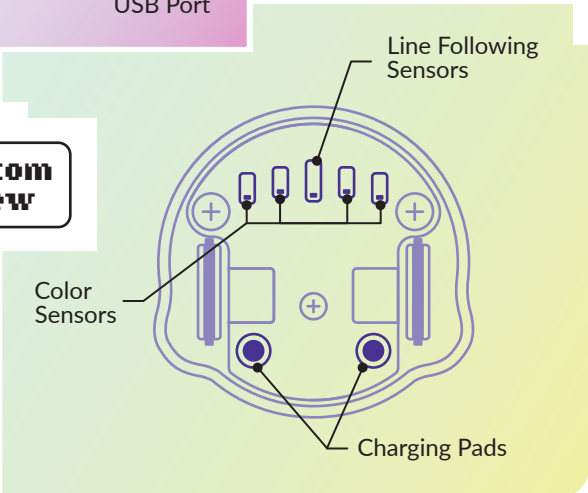
LED Light

**Back View**



Micro USB Port

**Bottom View**



Line Following Sensors

Color Sensors

Charging Pads

# Calibrate Bit+

## How Do I Calibrate?

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

Press and hold the Bit+ Go Button for 3 seconds (or until its top LED flashes white), then release.

Bit+ will move outside the circle, and blink green when calibrated. If Bit+ blinks red, start over from Step 1.



## When to Calibrate?


Calibration helps improve Bit+ code and line reading accuracy. It is important to calibrate when you change surfaces or screen types.


**When in doubt, calibrate!**



For tips on how and when to calibrate, please go to [ozobot.com/support/calibration](https://www.ozobot.com/support/calibration)

# COLOR CODES chart

  
**Short Super Slow**  
  
 R G B

  
**Slow**  
  
 R BK R

  
**Cruise**  
  
 G BK G

  
**Fast**  
  
 B BK B



  
**Turbo**  
  
 B G B

  
**Nitro Boost**  
  
 B G R



  
**Left at Intersection**  
  
 G BK R



  
**Straight at Intersection**  
  
 B BK R



  
**Right at Intersection**  
  
 B R G



  
**Line Switch Left**  
  
 G R G

  
**Line Switch Straight**  
  
 G B G

  
**Line Switch Right**  
  
 R G R



  
**U-Turn**  
  
 B R B

  
**U-Turn (line end)**  
  
 B R

  
**Tornado**  
  
 R G R G

  
**Zigzag**  
  
 B BK G R

  
**Spin**  
  
 G R G R

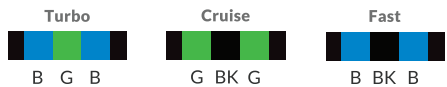
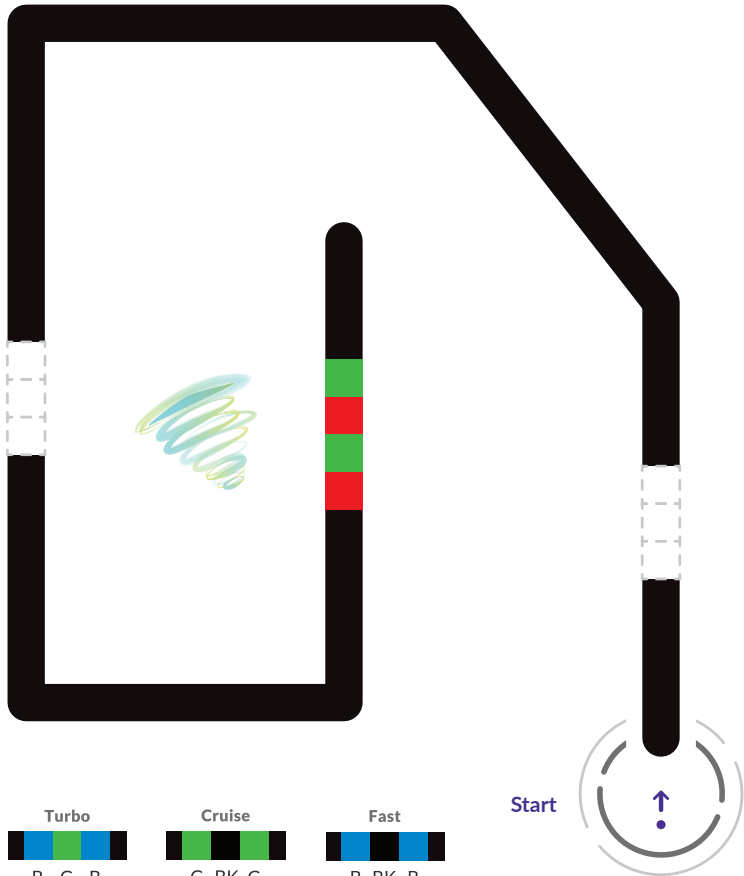
  
**Backwalk**  
  
 R G BK B

  
**Win/Exit (Play Again)**  
  
 G B

  
**Win/Exit (Game Over)**  
  
 G R

**BK:** Black    **B:** Blue  
**G:** Green    **R:** Red

# Tornado Catcher

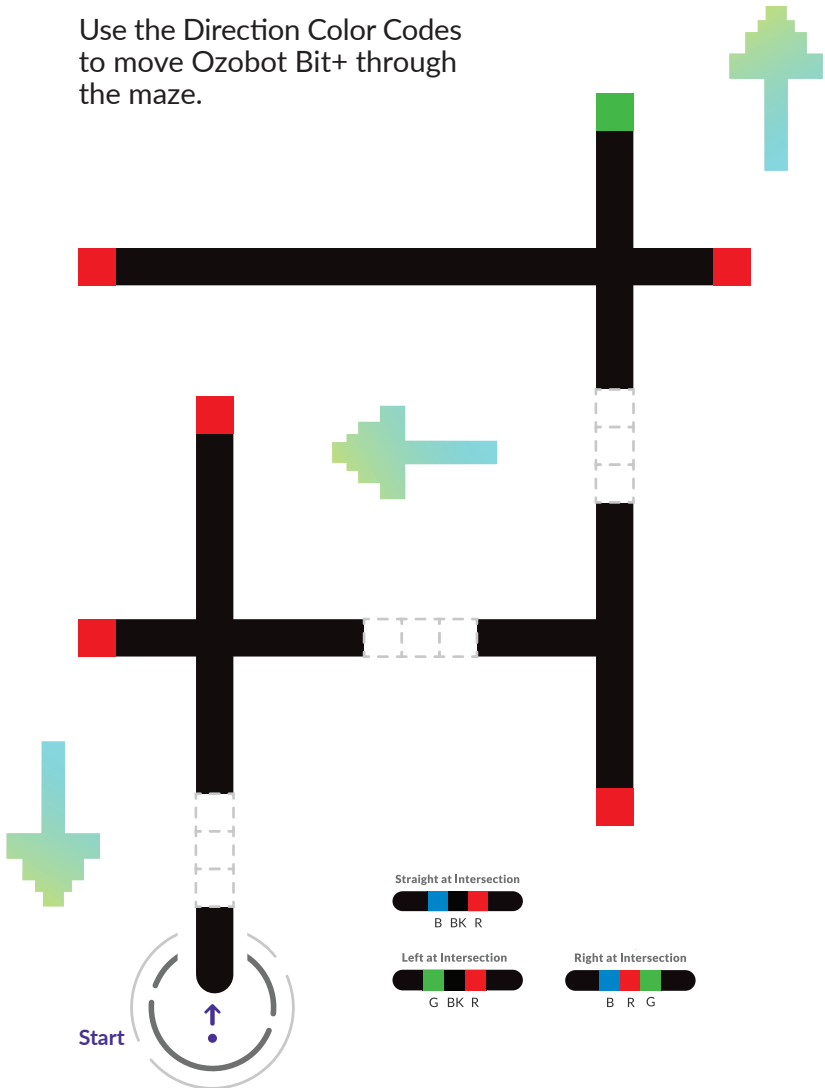


Draw any two Speed Color Codes to help Bit+ catch the Tornado.

Place Bit+ on Start.

# Color Code Maze

Use the Direction Color Codes to move Ozobot Bit+ through the maze.





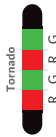
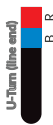
# Spelling with Colors

Trace each letter in a different Ozobot Marker color. Place your bot on the word.



# Sneaky Snake

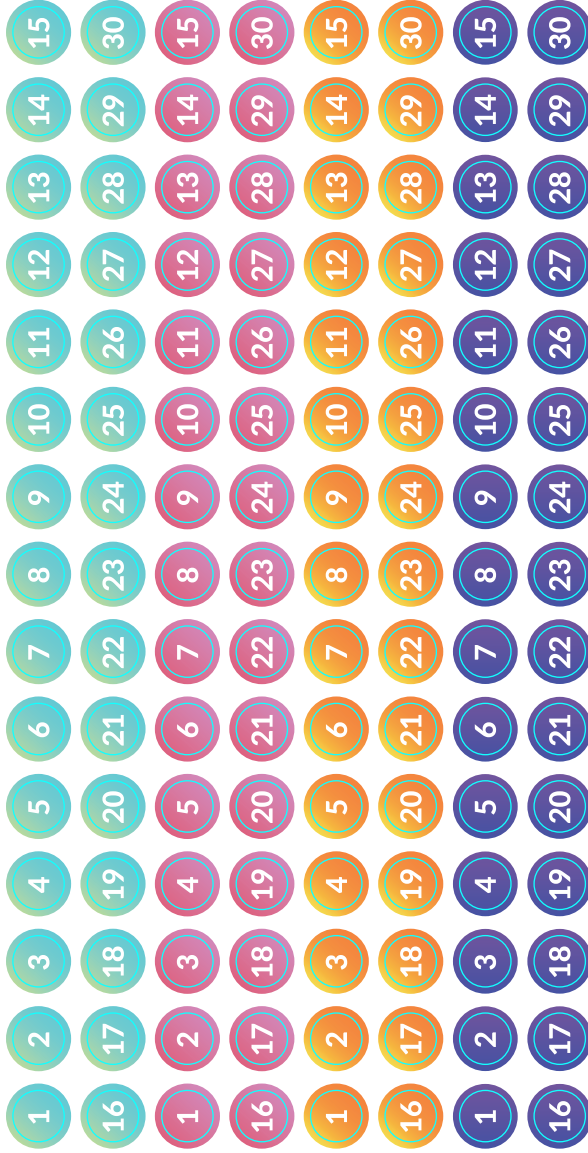
Decide where each Color Code goes below.  
Start your bot on the tail and watch  
it slither back and forth.



Classroom Kit

# Bot Labels

Bot classroom management tips at [support@ozobot.com](mailto:support@ozobot.com)







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