

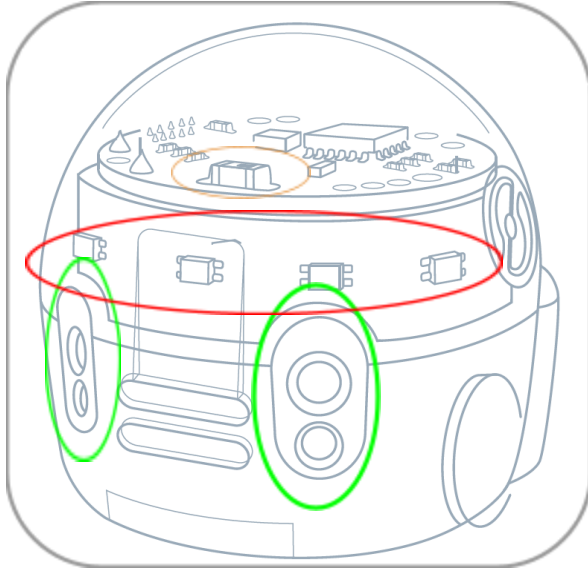
Ozobot Review: Hardware and Programming

Name: _____

Activity Sheet - Possible Solution

Date: _____

Draw the hardware parts listed in each column on the corresponding bot. Then, in your own words, describe the function of each part.



LED Lights

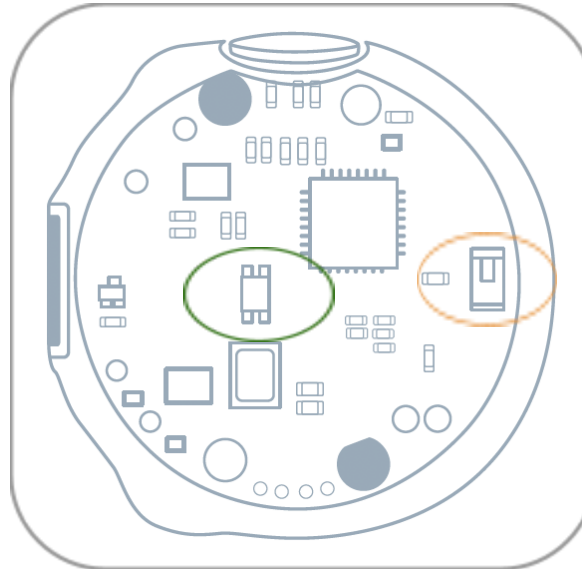
Can be programmed in Ozobot Blockly to display various colors and patterns

Bluetooth antenna

Connects the bot wirelessly to a computer or tablet to run programs

Proximity Sensors

Infrared sensors for detecting objects and communicating with other bots

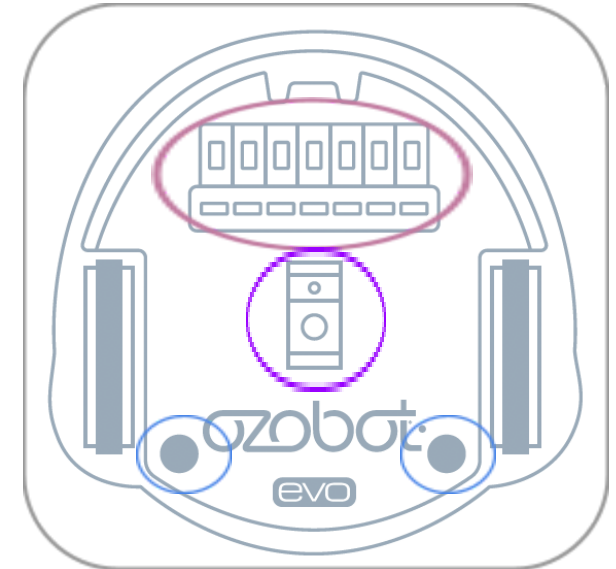


Top LED Light

Displays information when calibrating and can be programmed to indicate various things

Bluetooth Antenna

Connects the bot wirelessly to a computer or tablet to run programs



Charge Contacts

Allows wireless charging in a charge base

Color Sensor

Detects surface color by measuring reflected light waves

Line-following Sensor

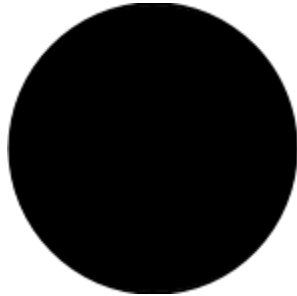
Recognizes the color contrast between the line and the surface color

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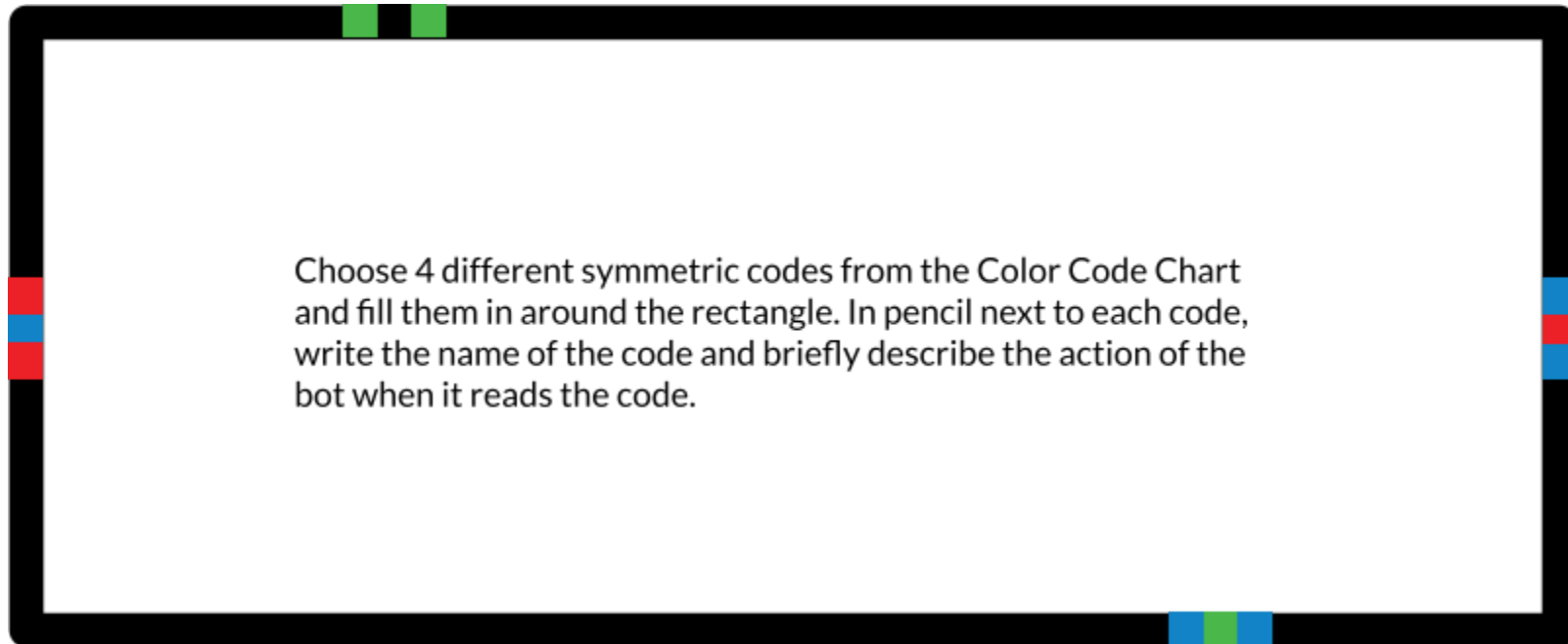
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Calibrate:

1. Place Evo on the calibration circle
2. Hold the power button 3-5 seconds
3. Release power button
4. Bot should dance and move off the circle, flash green on the top LED.



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