

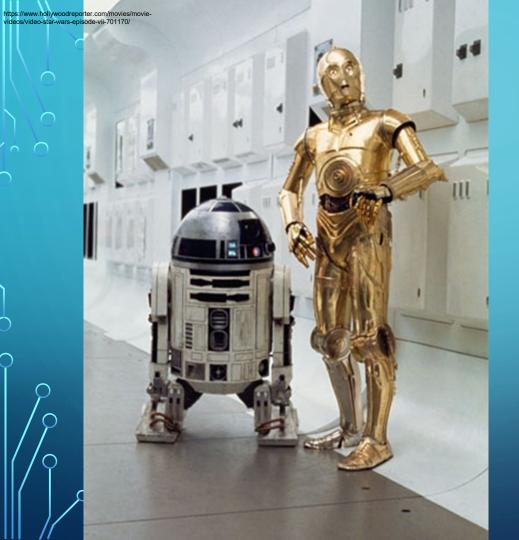
Acknowledging the First Peoples Principles of Learning



Learning requires recognizing the consequences of one's actions



Learning involves patience and time



OZOBOT



What is computer programming?

Giving instructions to the computers is called computer programming.

```
All(",", " ", a); a = 👵
a.split(" "); } $("#un
  rray_from_string(
   c = use unique(ar
```

Sequence: order of instructions (color codes)

Repetition: Repeat one code over and over

Selection: Selecting a code from multiple options



Introduction To Ozobot

https://www.youtube.com/watch?v=OXnQFxBHvZQ&t=5s

https://www.youtube.com/watch?v=VBdBG1TSgR8





https://www.robocamp.eu/en/blog/ozobot-evo-review/



Proximity Sensors: programmable in Ozoblockly to detect objects

Line following Sensors: See and follow a drawn line

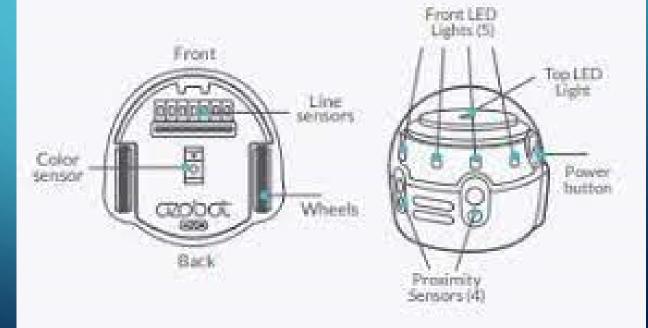
Color Sensors: Detect and responds to colors

LED Lights: 1 top- 5 front: Display the color following and

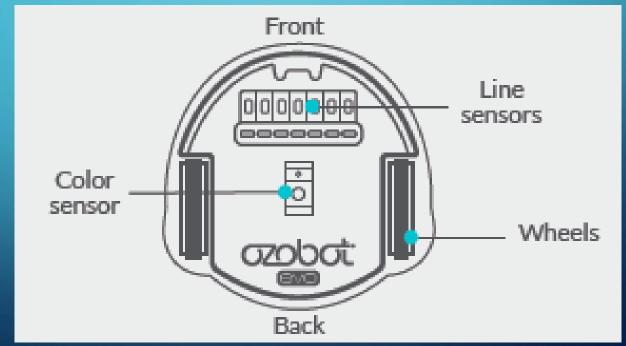
programmable in Ozoblockly

Wheels, Motor, Battery, Speaker, Bluetooth Antenna, Micro USB port, Power button



















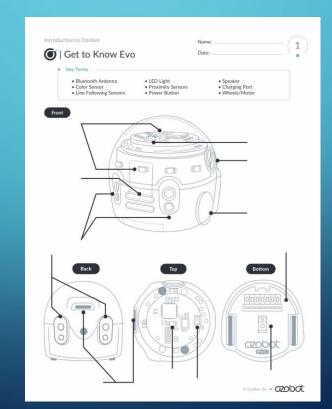
On you table you will have the following:

Ozobots and Worksheets

Instruction:

One each or in a small group try to fill in the worksheets and label your OZOBOT's hardware.







Coding OZOBOT

https://www.youtube.com/watch?v=m5d4iXGbIGs



OZOBOT Calibration

Learn how to calibrate your OZOBOT

https://www.youtube.com/watch?v=ublkRBjsJ3I



Coding Ozobot

On yoOn you table you will have the following:

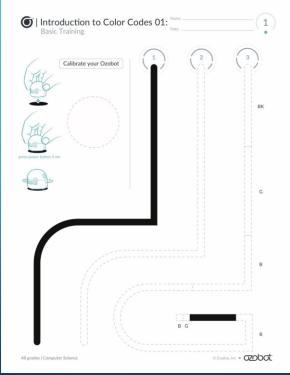
Ozobots and Worksheets

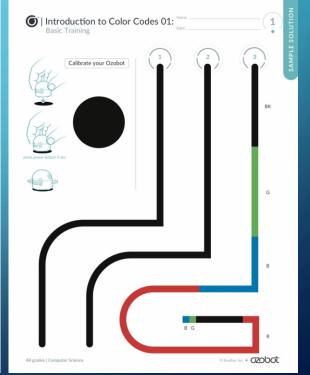
Instruction:

Try to calibrate your OZOBOT first and then practice drawing color codes



OZOBOT Calibration

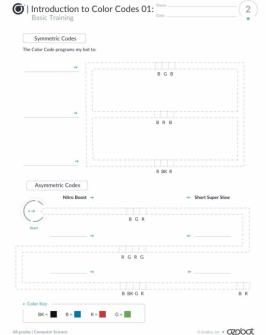






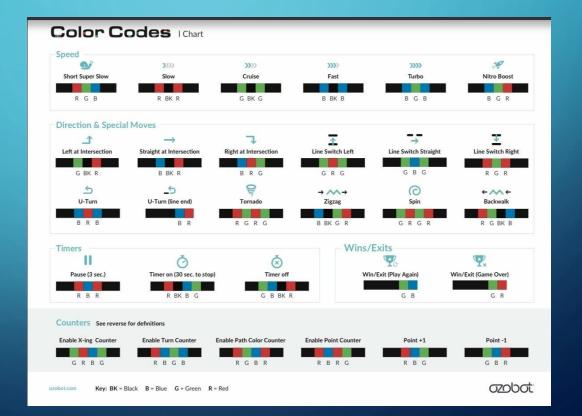
OZOBOT Color Codes







OZOBOT Color Codes





OZOBOT Color Codes

Make your own story using at least 3 color codes share your story with the class



Color Code Correctly

