Lego Mindstorm: Project Overview
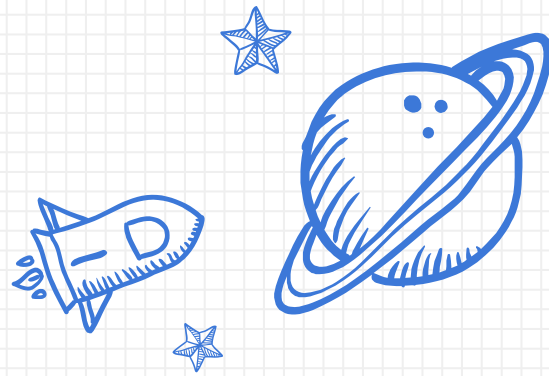
HELLO!

We are back!

We have some new mentors!
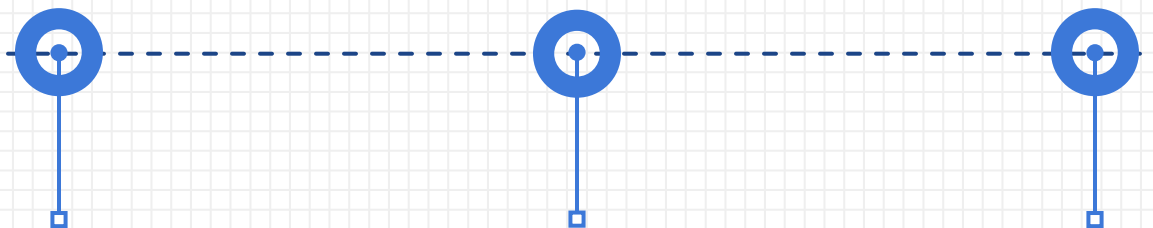
Project

What are we going to be

doing for the next 3 weeks?

Let's make these robots DANCE!

Instructions

✗ Make the robot dance to music
✗ Have at least:
  ✗ 5 different movements
  ✗ 1 function
  ✗ 1 loop
✗ Test using the simulator
✗ Try using a sensor
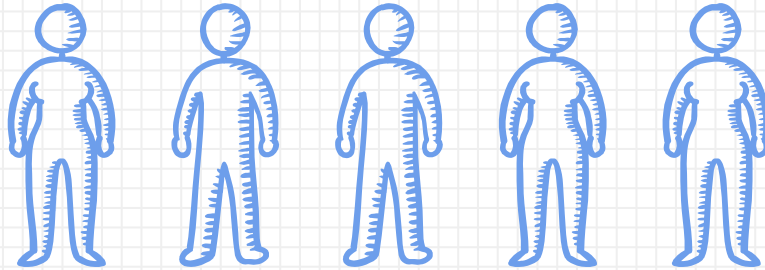 ✗ Ultrasonic sensor
  ✗ Gyroscope

Timeline for the next 3 weeks

Set up and start planning

Work on project

Finish project and showcase!

Set up your team!

Saving and Testing

Your new best friend. Click this icon next to the play button to save all your hard work

The simulator has moved! It is now on the right hand side labeled as SIM

SIM

Sensors
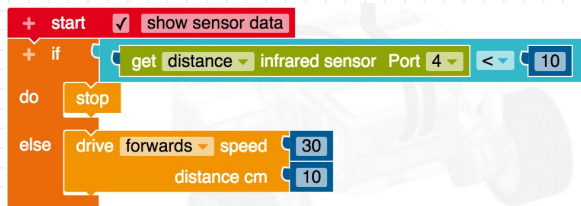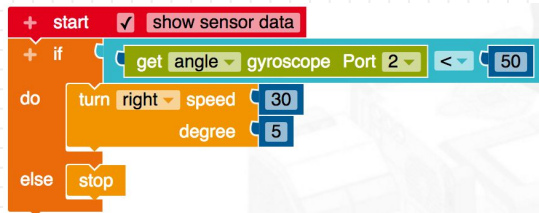
Ultrasonic Sensor:
- In **Sensors**
- Used to calculate distance using sound waves
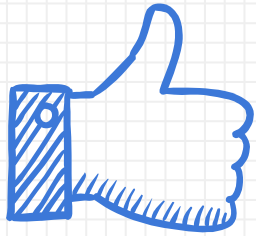- Can help to prevent crashing into things

Gyroscope:
- In **Sensors**
- Used to calculate angles
- Use the angles to direct what the robot should do
- Can help to prevent crashing into things

Connecting the robot

Uhhh... how do we make the robot work again?

THANKS!

Make sure to:

- ✗ Be logged in with your team name
- ✗ Be in expert mode
- ✗ Save your work!