# Group 3: Sphero Pong

## Part 1: Getting started

1. Open the Sphero edu app on your ipad and connect it to the Sphero SPRK+
2. Open the programs tab at the bottom of the screen
3. Select the *Sphero Pong* program for your robots and view the code.
4. Place your robots on the floor

## Part 2: Predict

**Looking at the code, what do you expect the robot to do when you start the program?**

## Part 3: Test

1. Stand about 1 meter from a partner, start the program, and tap Sphero when it comes back at you!
2. Press the green 'Start' button at the top of the code and play Pong.
3. Press the green start button at the top of the screen
4. Play pong with your feet and the sphero
5. Press the red ‘stop’ button at the top of the screen

**Was your prediction correct?**

## Part 4: Export

1. Use the options button in the top right of the screen to view 'Sensor Data'
2. Tap 'Download CSV Data' and save it to a Google Drive or send it via email

## Part 5: Compare

1. Take turns to run the program and play the game.
2. Export the data after each run of the program.

## Part 6: Graph

1. Compare the exported data from each of the experiments.

**Can you see a pattern in the data for each game?**

1. Choose an appropriate graphing tool and style to compare the data side-by-side

## Part 7: Present

**Present your graphs and interpretations of your findings to the class.**