



Victorian Indigenous Engineering Winter School



This is a short tutorial to get your
Sphero Mini ready for the VIEWS
Olympics
(Installation of Sphero Edu
for Windows, iPad and MacBook)

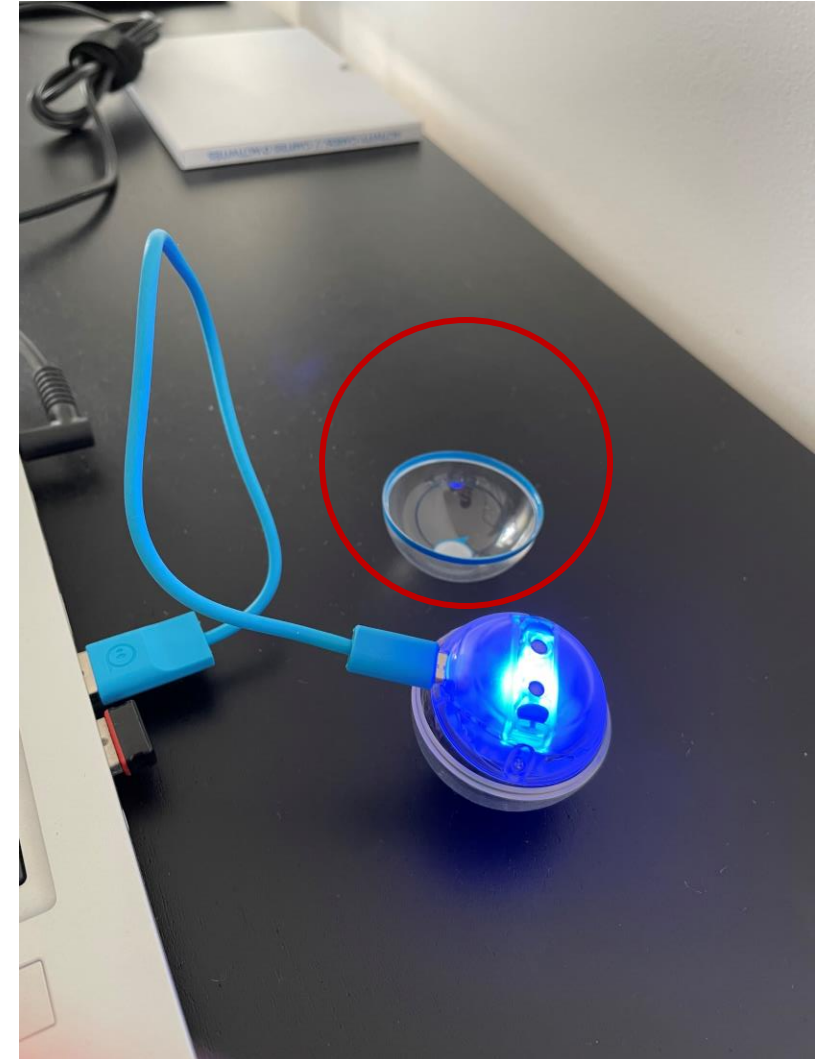
STEP 1: Charge your Sphero Mini

Remove the top (plastic) cover of the Sphero (highlighted in the picture)

Then, connect your Sphero Mini to your laptop (or computer) with the USB cable that is included (see picture).

Wait until the **blue light** of the Sphero Mini turns **green**.

Now you are ready to download the Sphero Edu and start coding!





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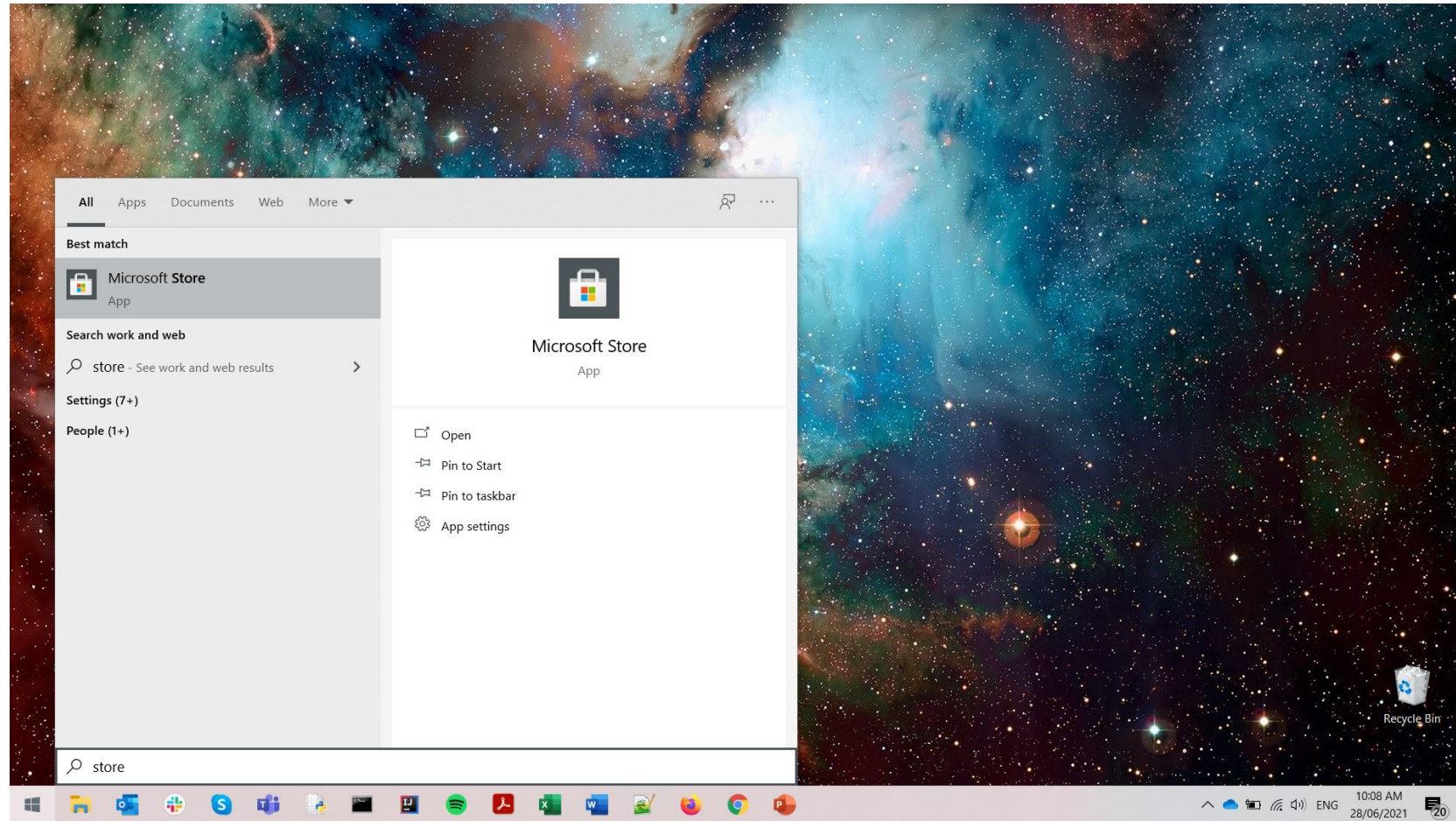


Installation for Windows

Step 2: Install the Sphero Edu app on your Windows laptop

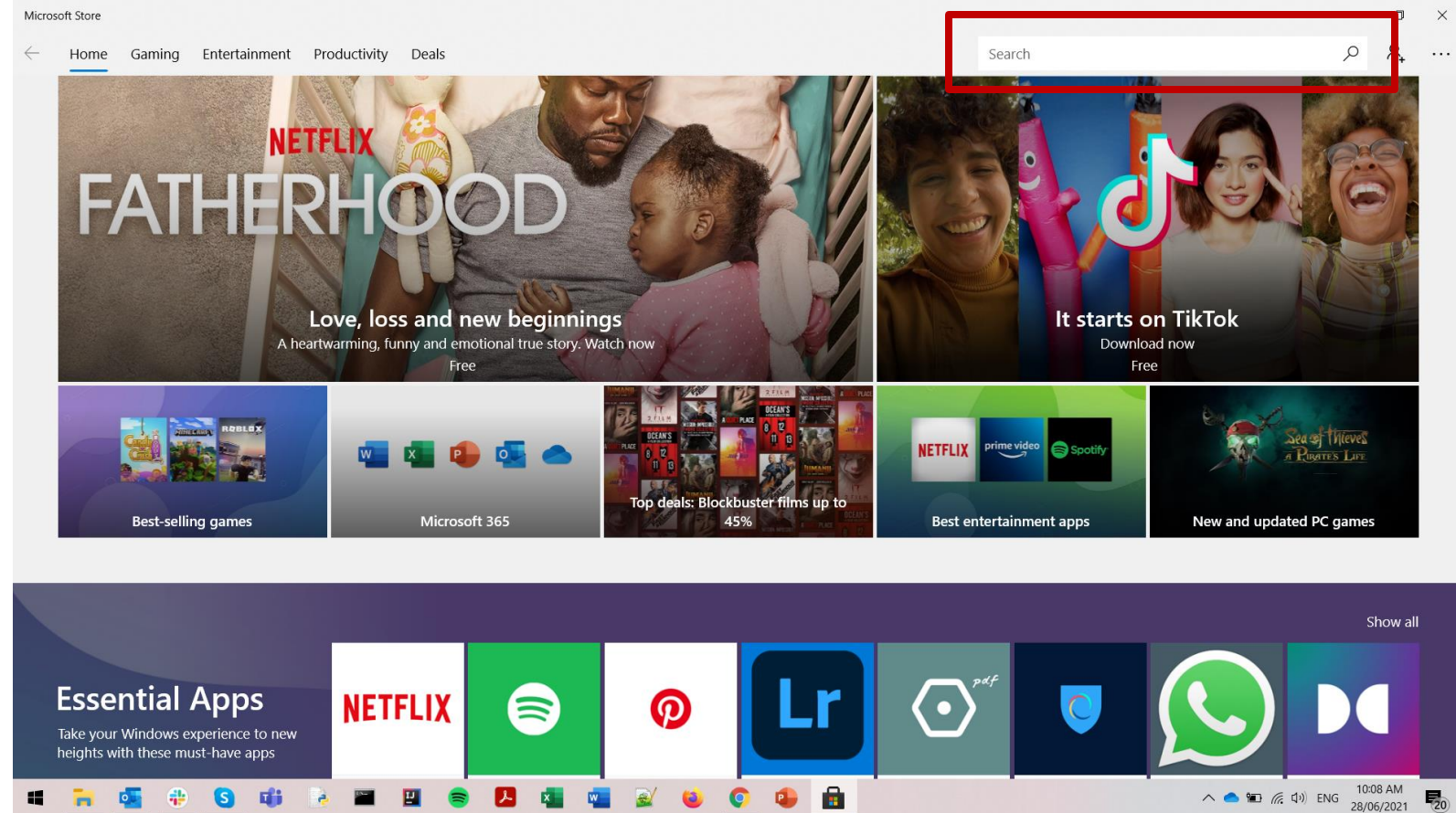
1. Launch Start, and search for store.
2. Click on Microsoft Store.

(see Picture)



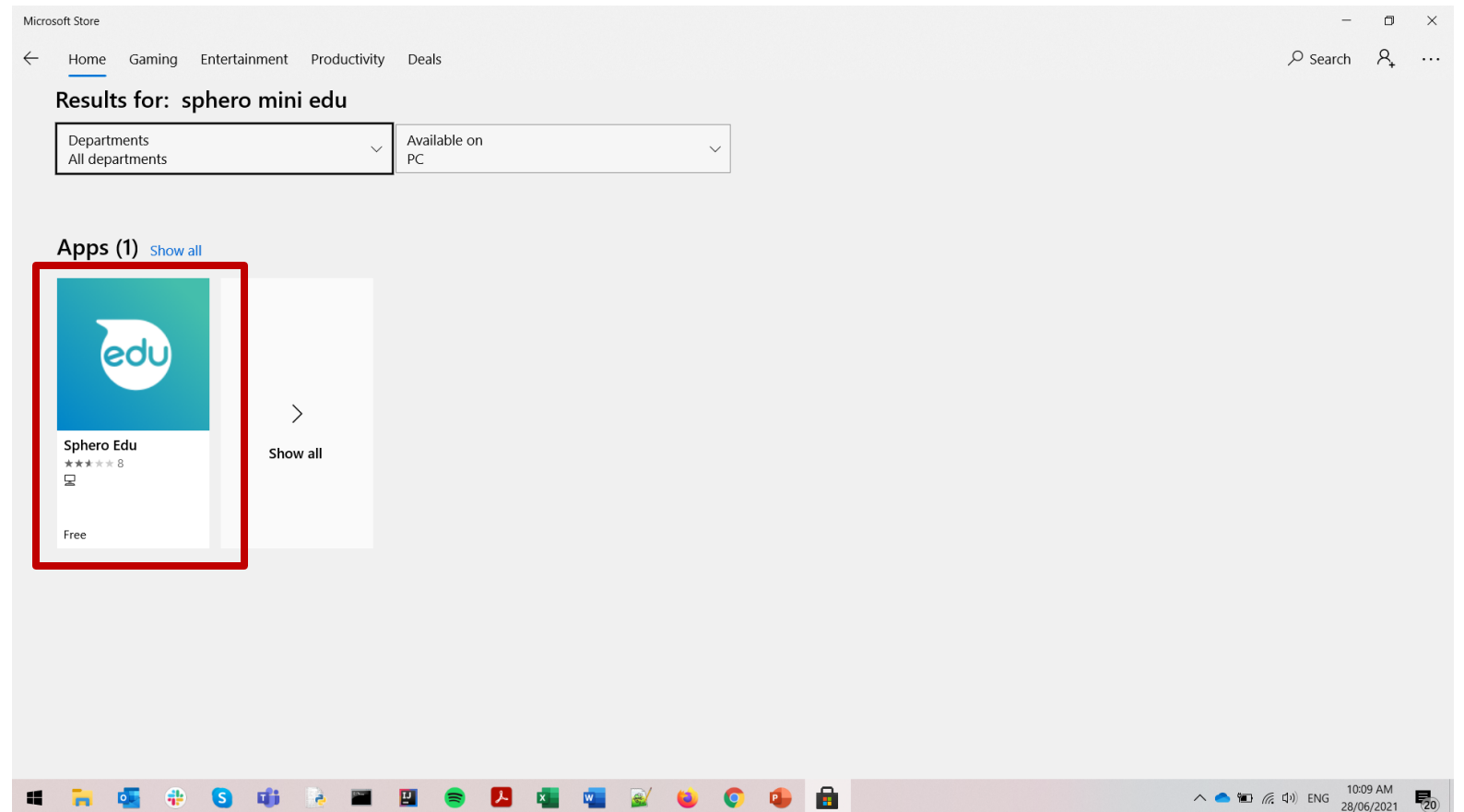
Step 2: Install the Sphero Edu app on your Windows laptop (cont.)

1. Write in the search bar (top right corner): "sphero edu"
2. Press enter.



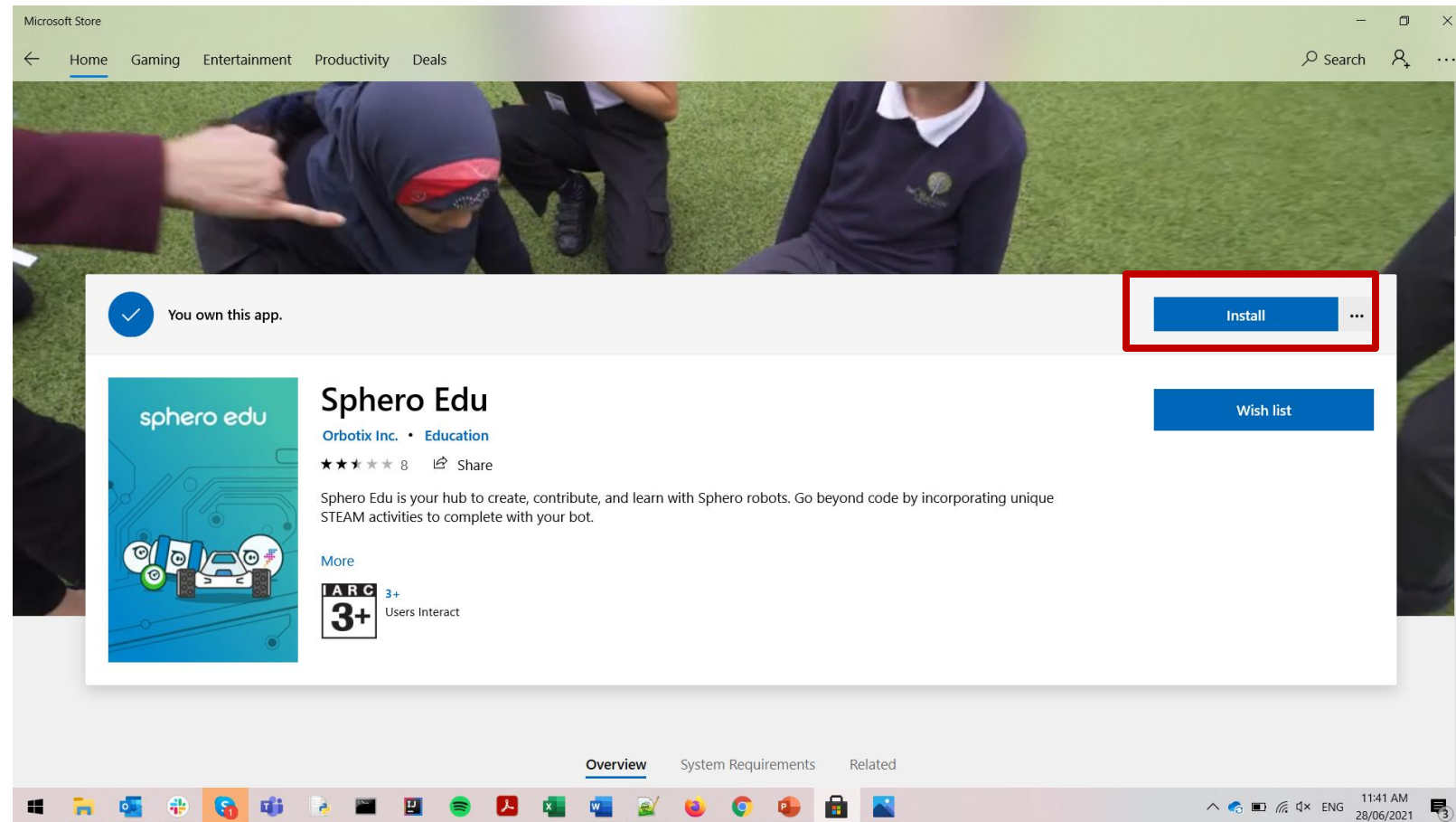
Step 2: Install the Sphero Edu app on your Windows laptop (cont.)

1. Click on the Sphero Edu app.



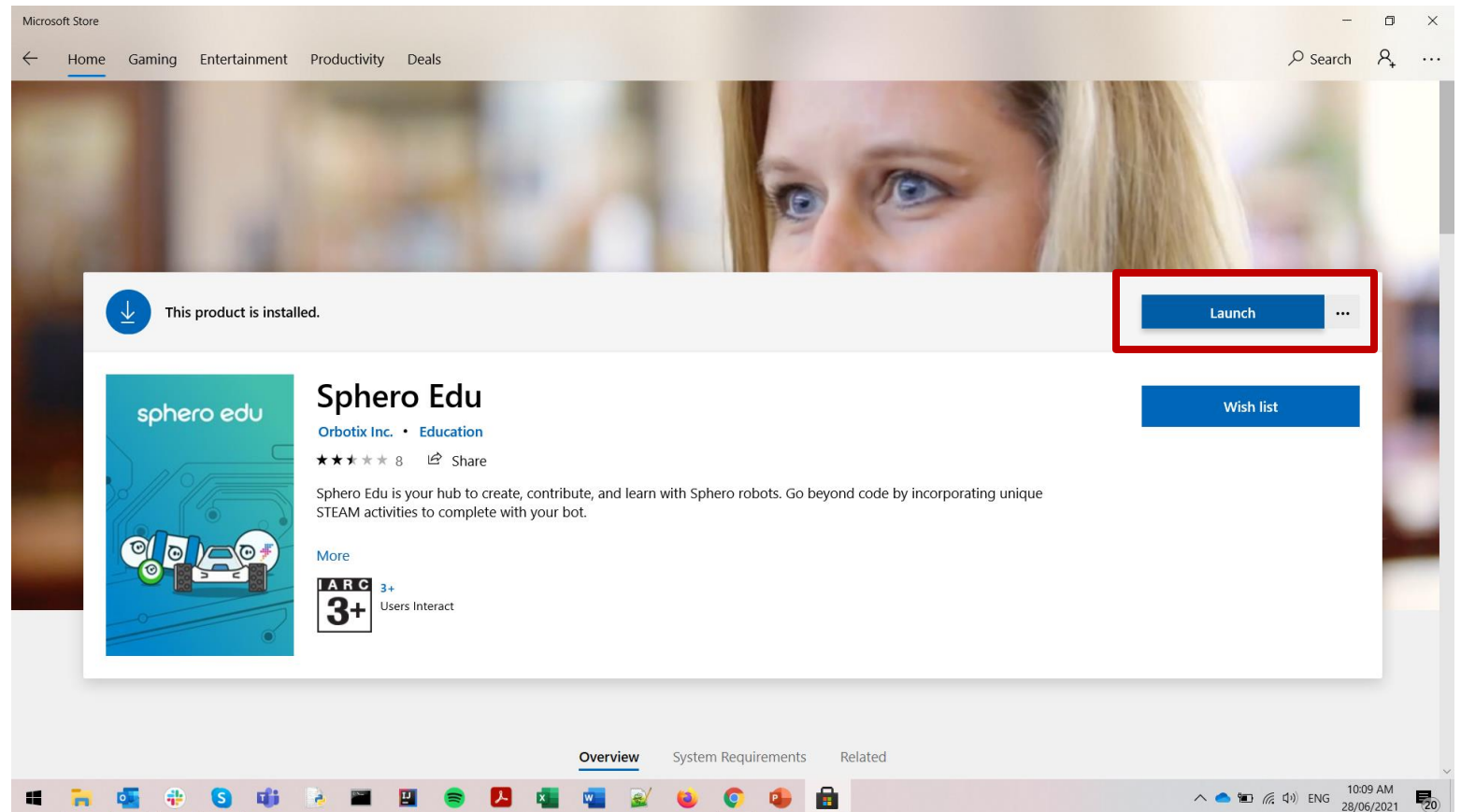
Step 2: Install the Sphero Edu app on your Windows laptop (cont.)

1. Click on the **Install** button (or the **Get** button, the name may vary).
2. Access with your Microsoft account.
3. Follow the installation instructions.
4. Wait for the installation to complete.



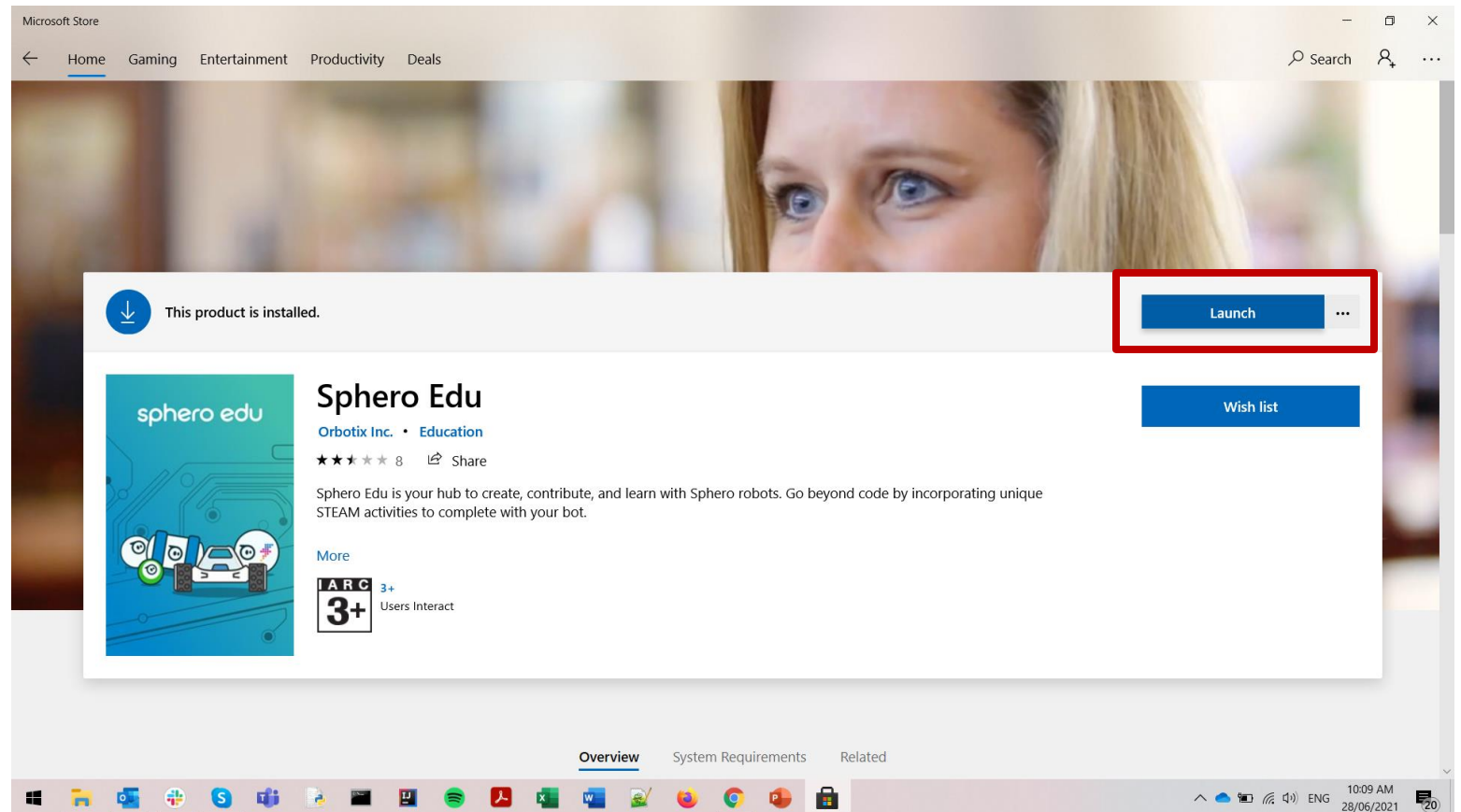
Step 2: Install the Sphero Edu app on your Windows laptop (cont.)

1. After the installation is complete.
2. Click on Launch button.



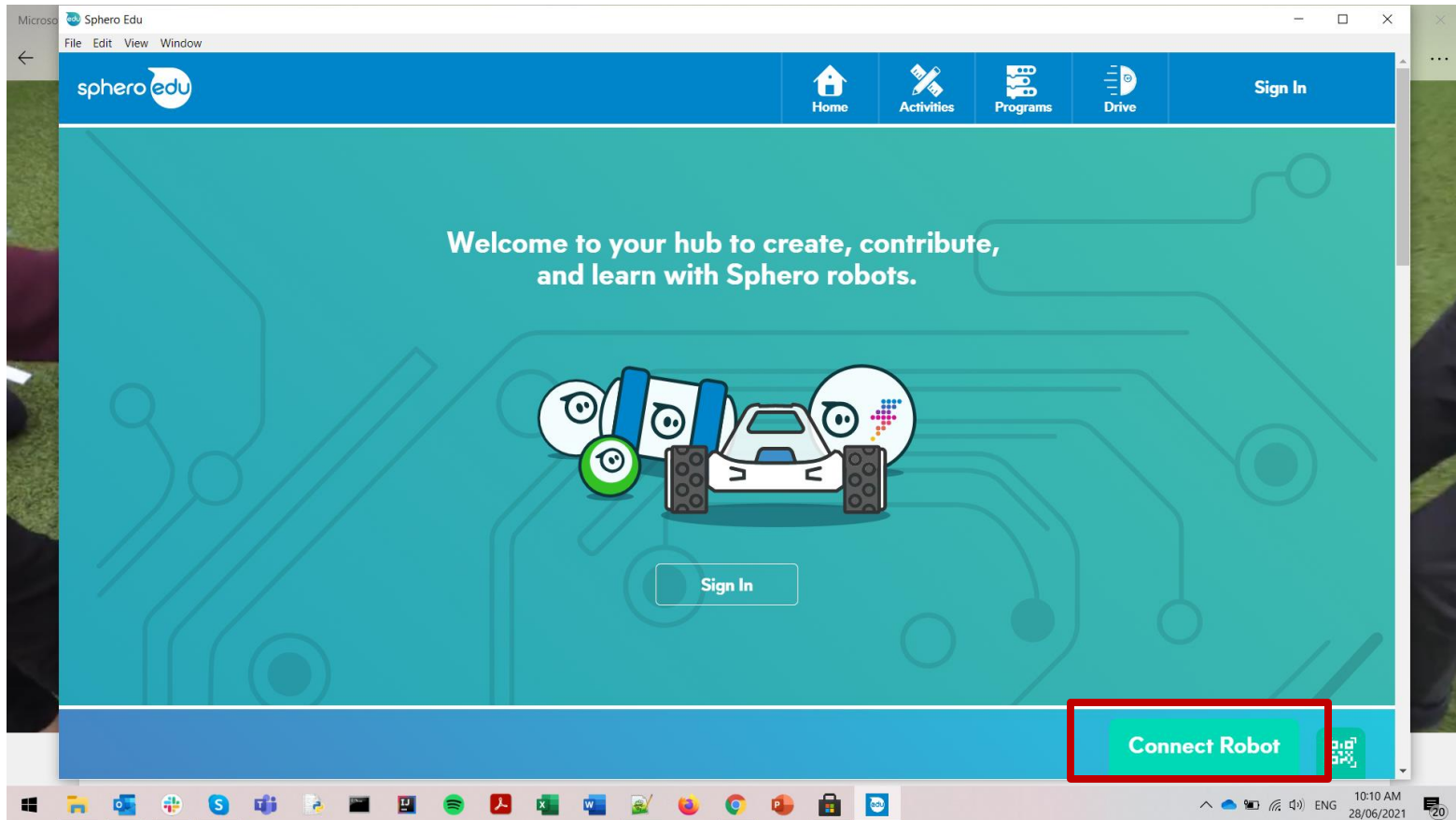
Step 2: Install the Sphero Edu app on your Windows laptop (cont.)

1. After the installation is complete.
2. Click on Launch button.



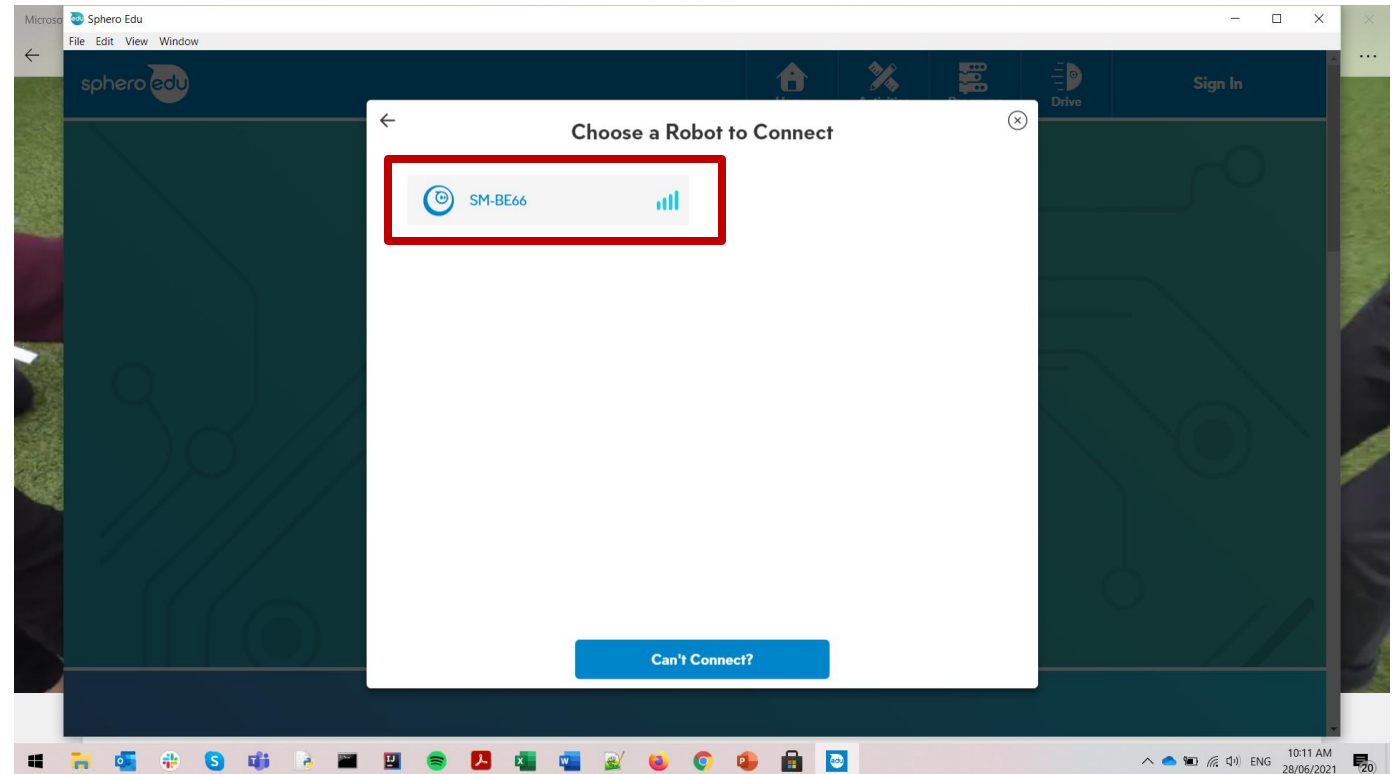
STEP 3: Connect your Sphero Mini

1. After you launch the Sphero EDU app, you should see the screen as in the picture below.
2. Click on Connect Robot.



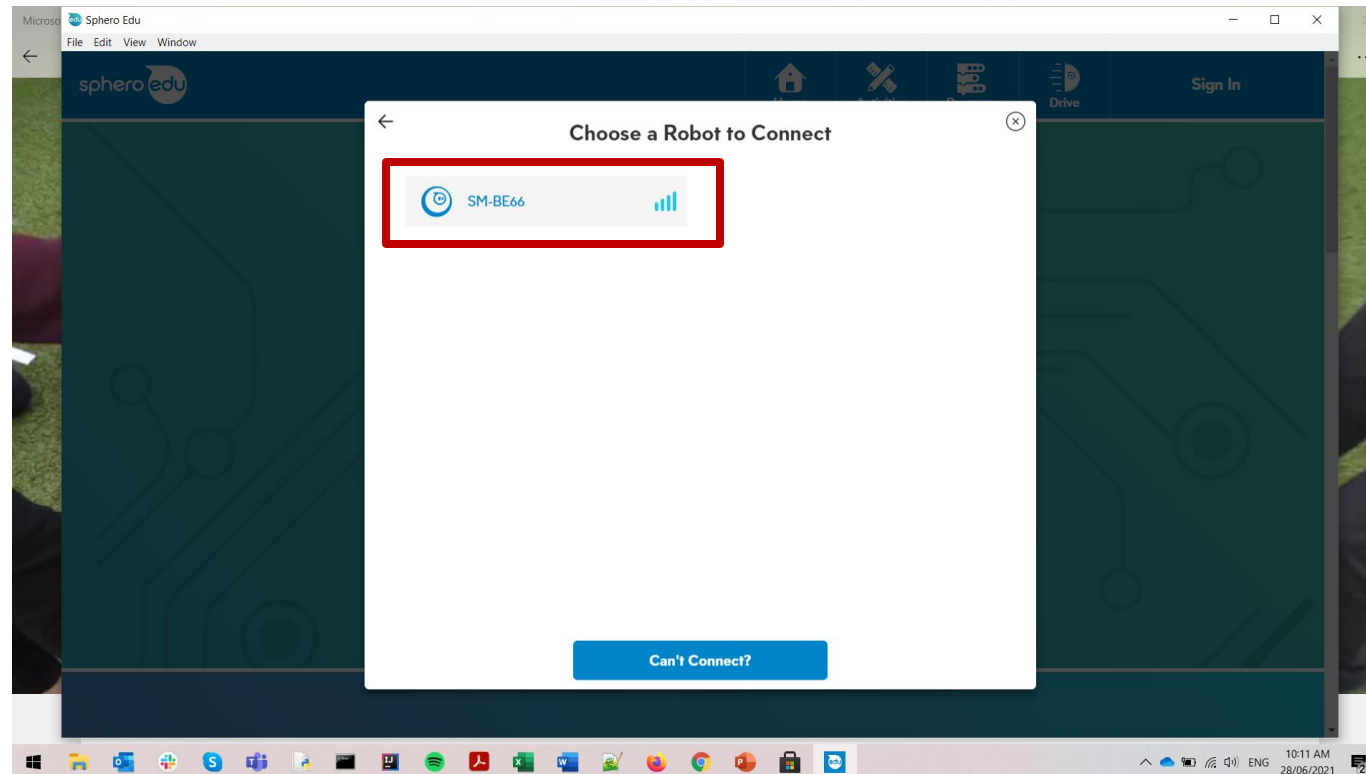
STEP 3: Connect your Sphero Mini

1. Click on the robot to connect (you should see only one in the list – see Picture below).
2. If you do not find any robot in the list,
try to connect the robot with the USB cable to the laptop and then disconnect the USB cable.



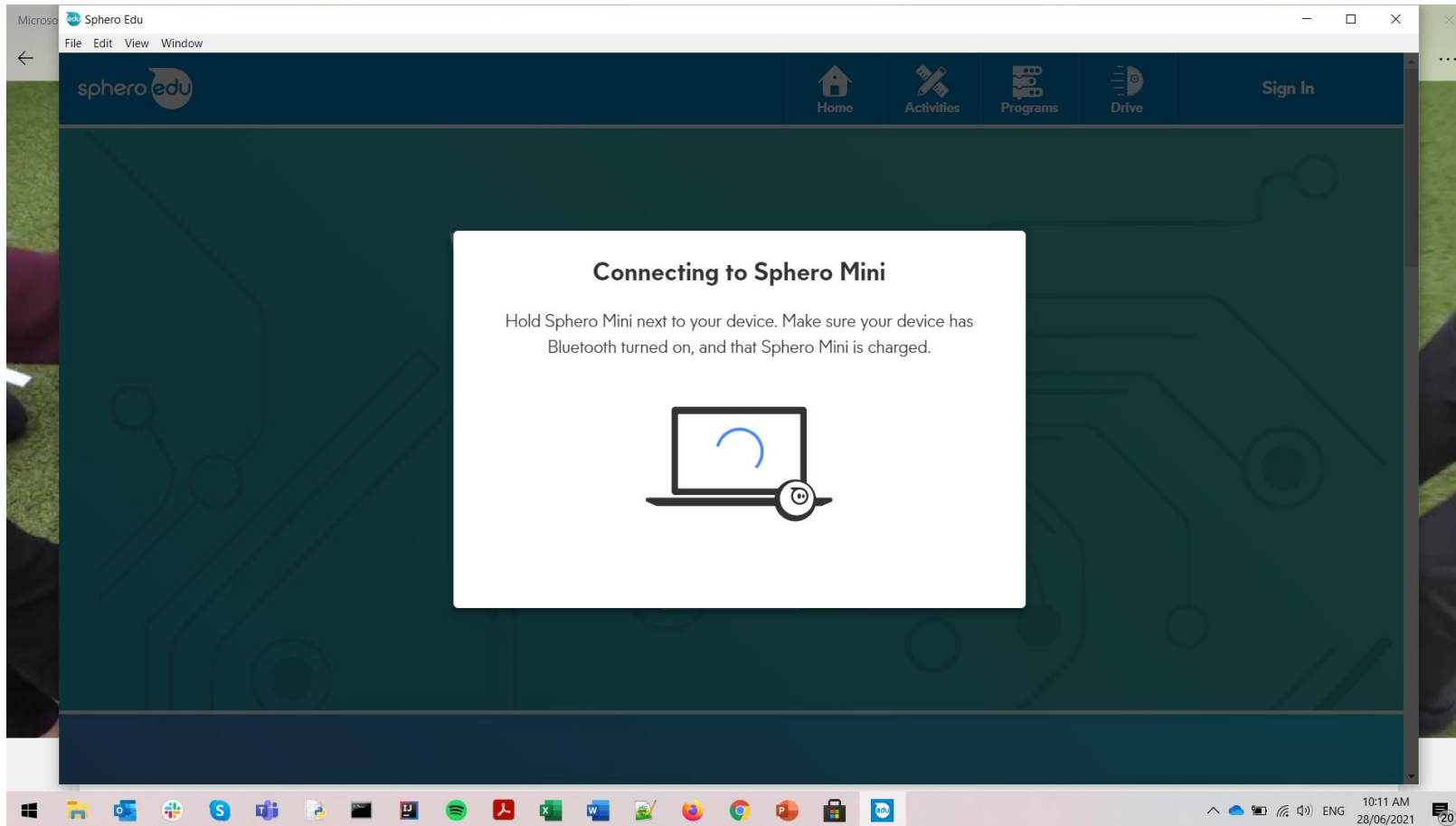
STEP 3: Connect your Sphero Mini

1. Click on the name of the robot to connect (you should see only one in the list – see Picture below).
2. If you do not find any robot in the list,
try to connect the robot with the USB cable to the laptop and then disconnect the USB cable.



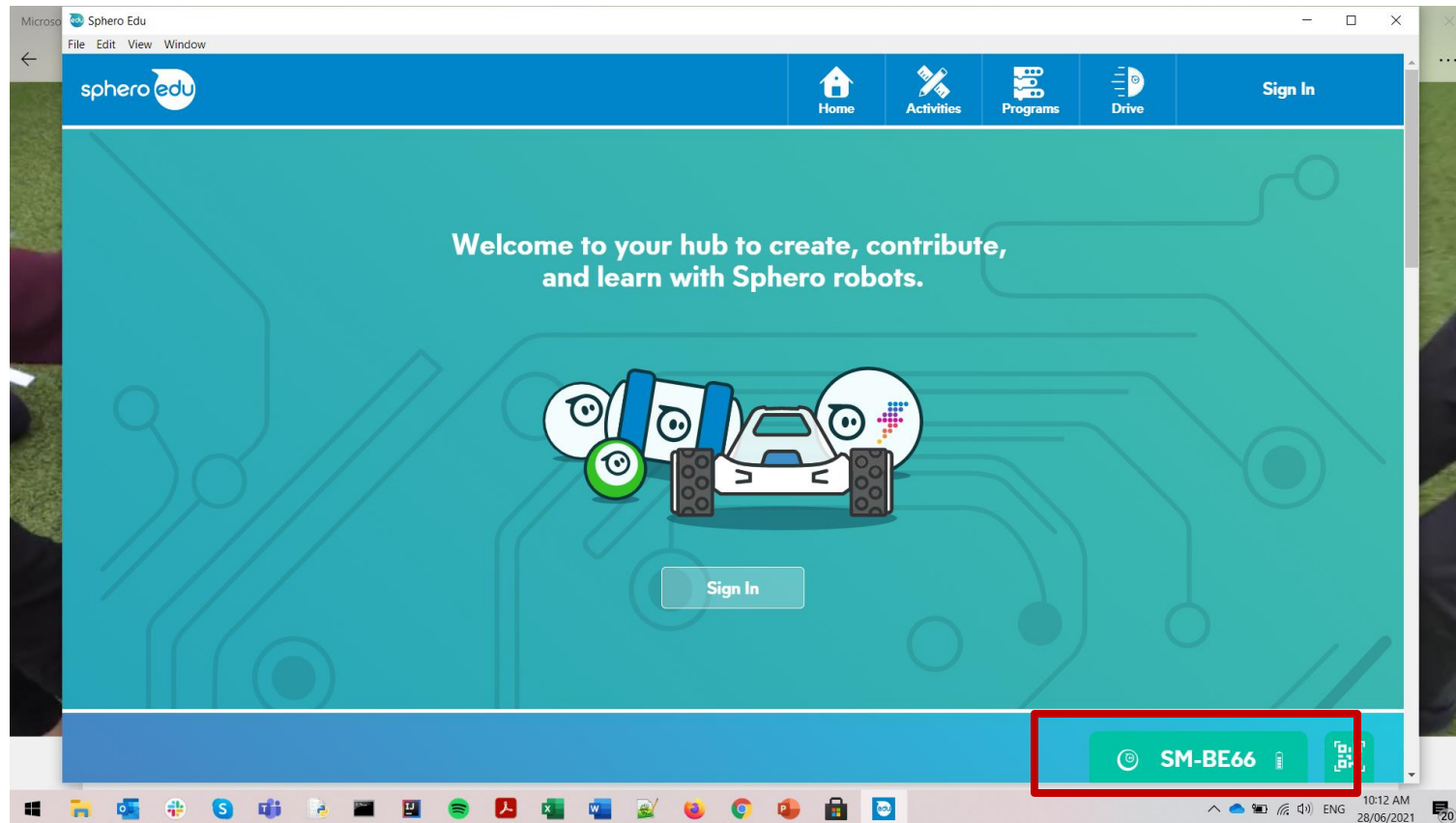
STEP 3: Connect your Sphero Mini

1. Wait for the robot to be connected.



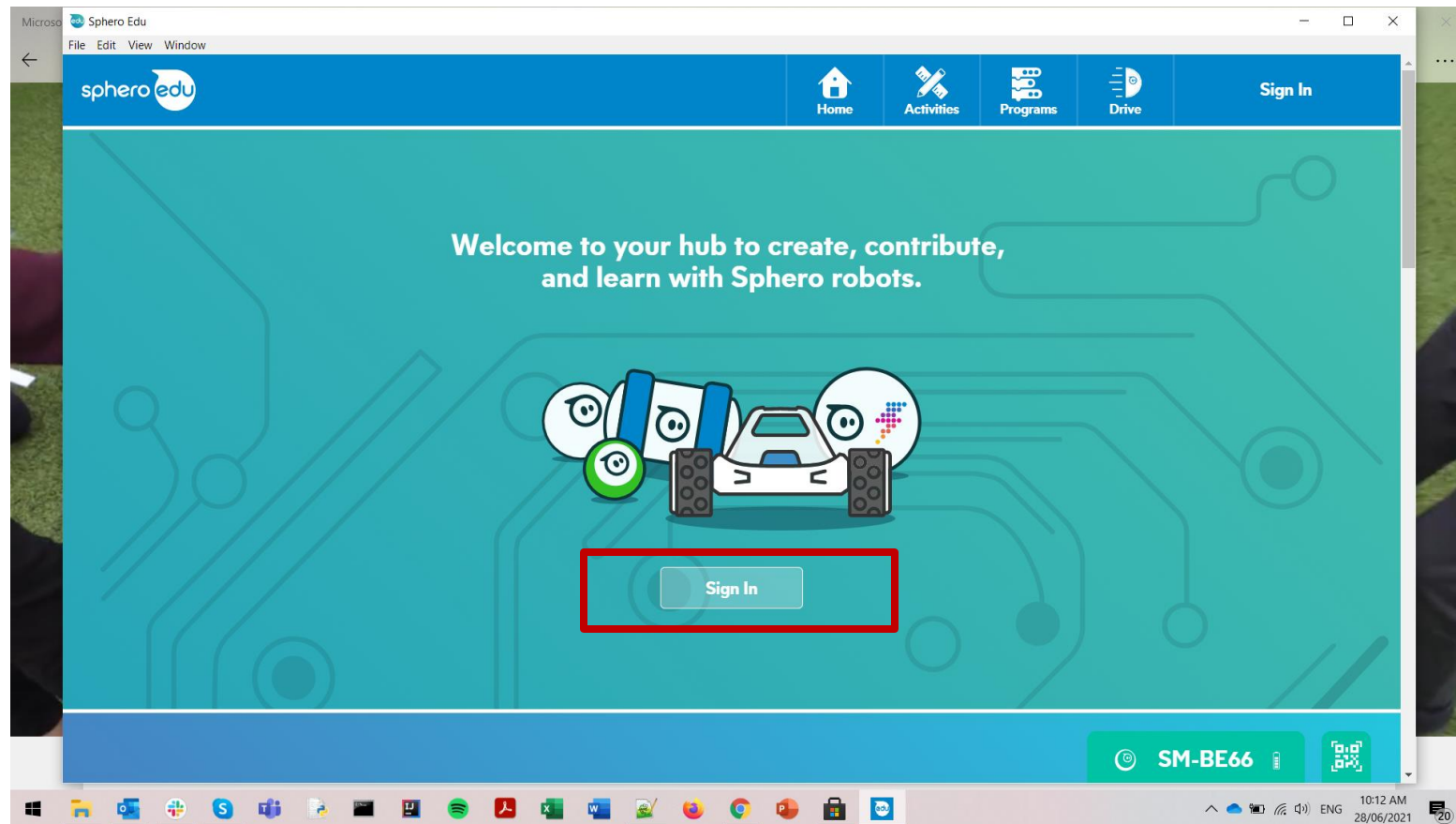
STEP 3: Connect your Sphero Mini

1. Once the robot is connected, you should see its name in the bottom right corner (the name of your robot will be different than the one in the picture).



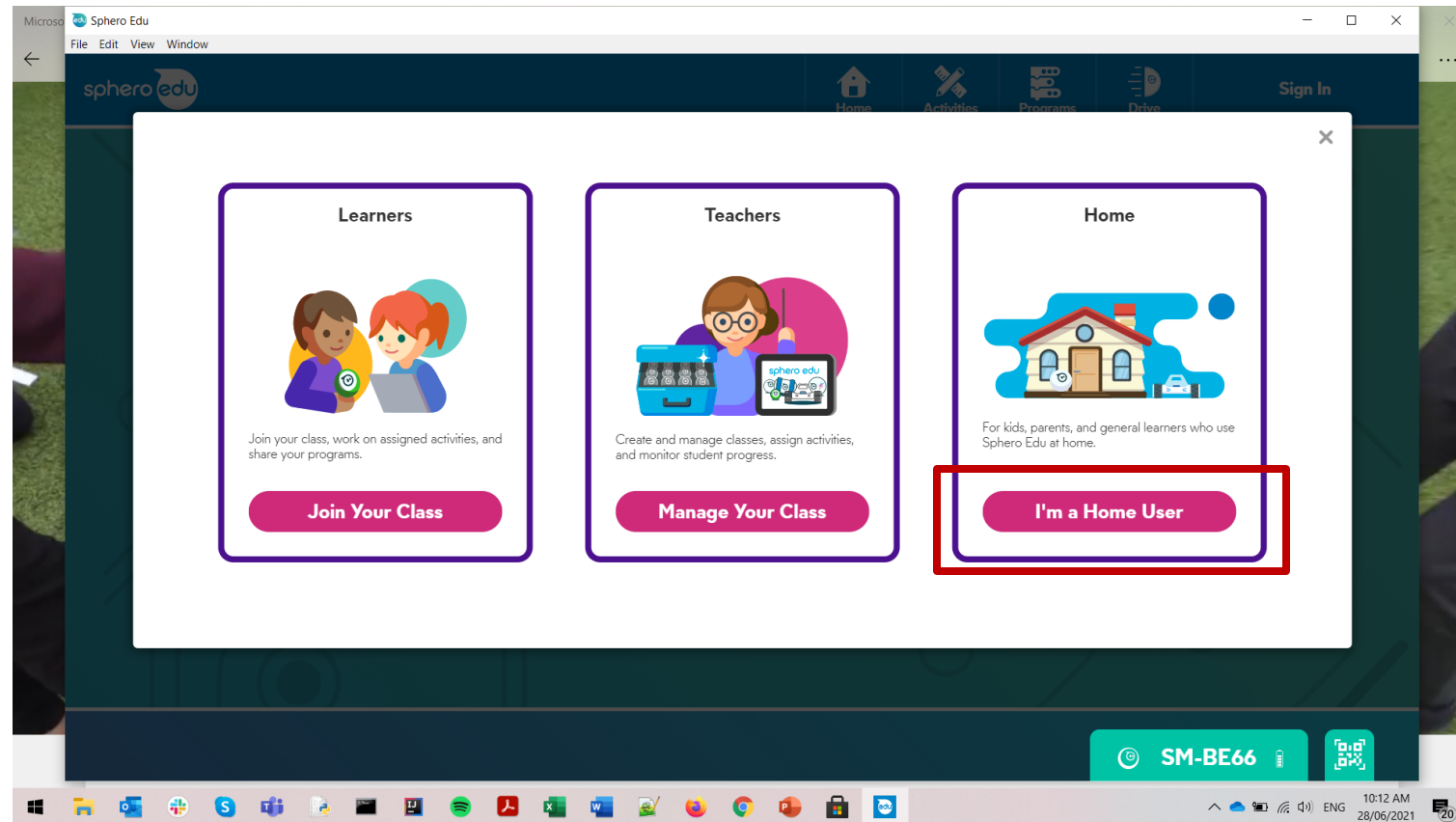
STEP 4: Create your account

1. You will need to create your account to use the Sphero Mini.
2. Click on “sign in”.



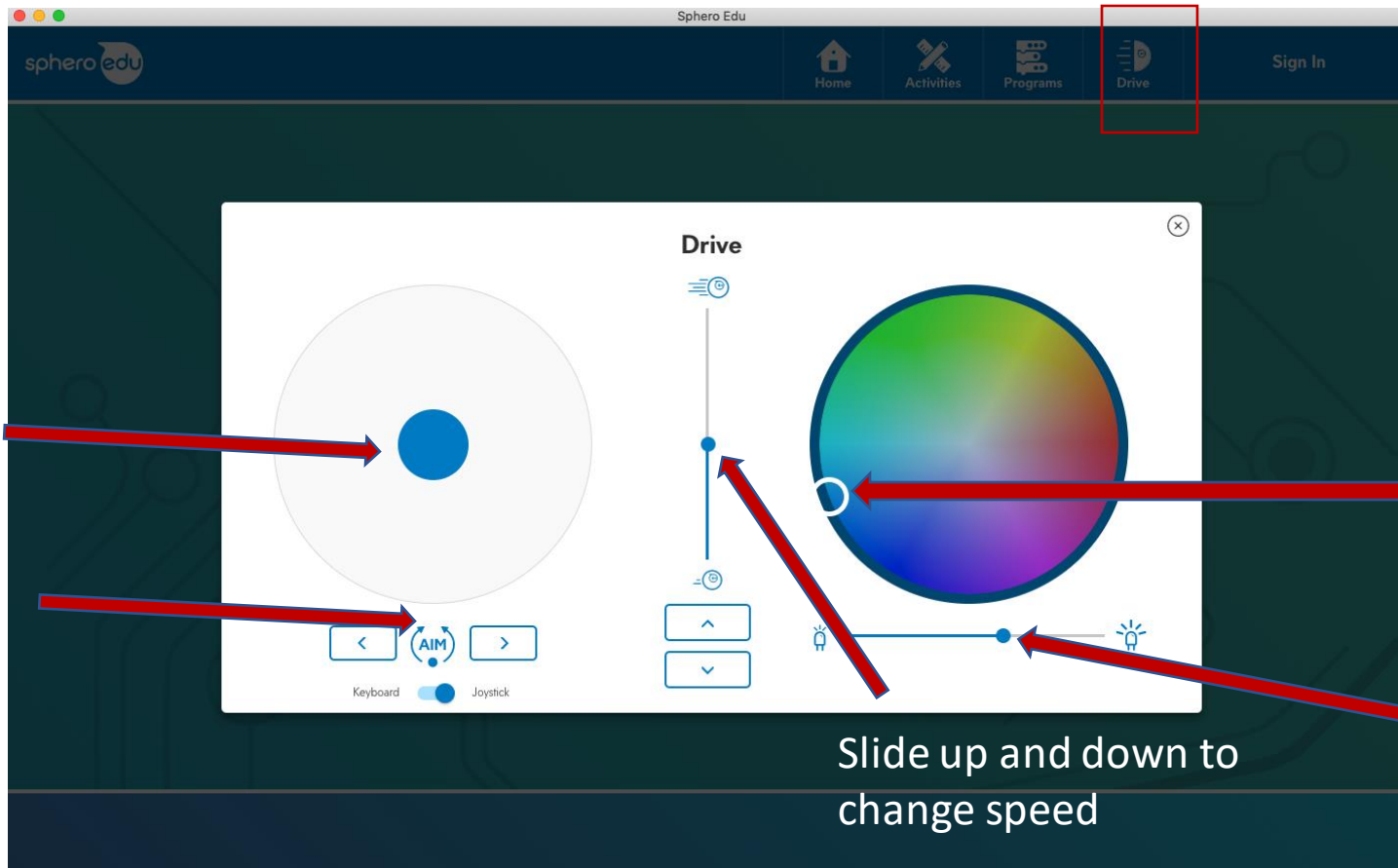
STEP 4: Create your account

1. Click on “I’m a Home User”, and follow the instructions to complete your registration.



STEP 5: Ready to Drive Sphero Mini

1. After the registration is complete, sign in with your account.
2. Click on the “Drive” icon found on the top right hand of the screen (red box)
3. This window allows you to control your Sphero by changing the colour of the LED, its speed, and direction.



Control direction
of Sphero Mini

Calibrate Sphero
Mini

Move to change colour
of Sphero Mini

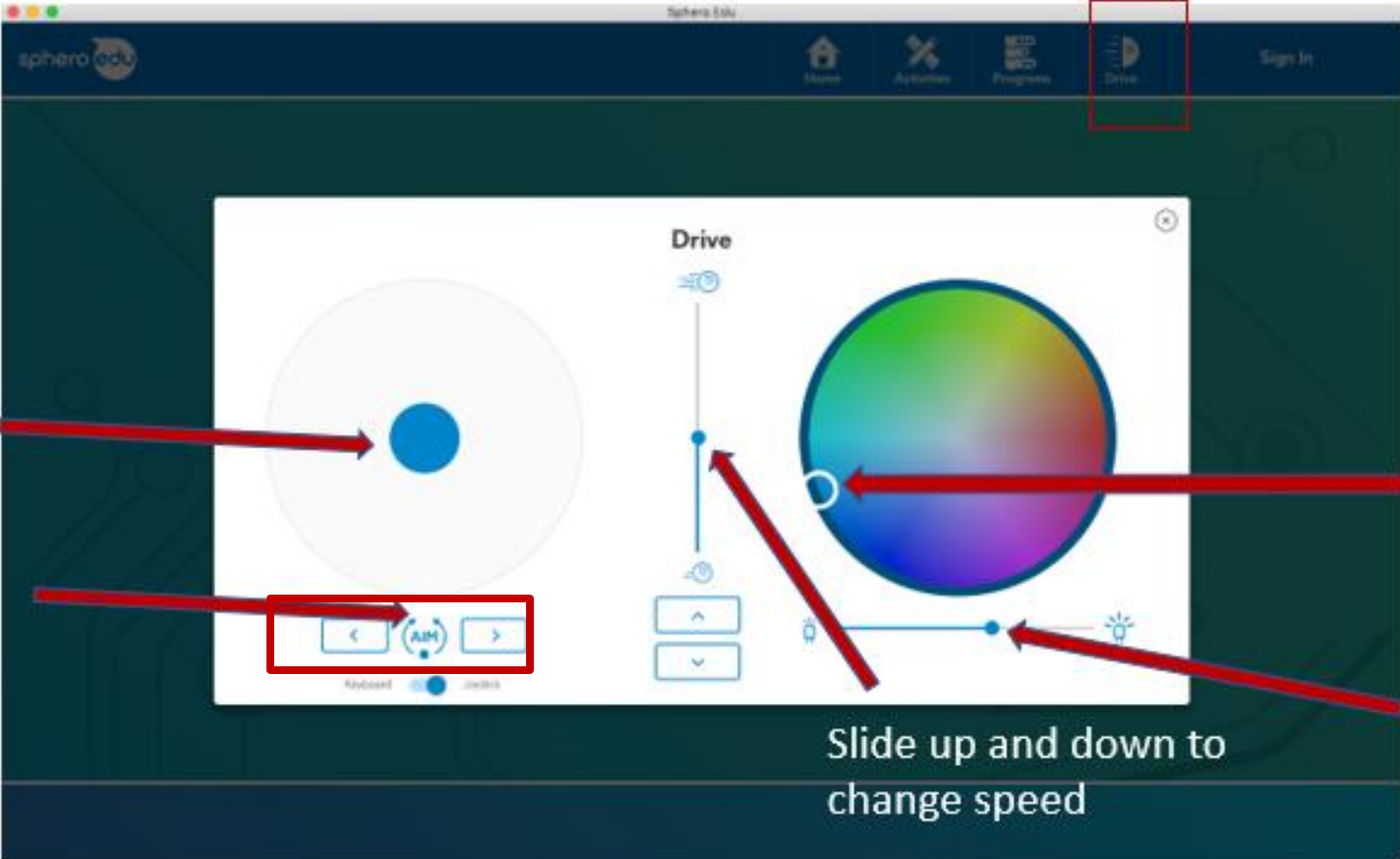
Slide up and down to
change speed

Slide to change
the brightness
of the LED

Step 6:

Calibrate and Aim your Sphero Mini

In the Sphero Edu application, click on the “AIM” button (see the red box in the picture below).



The screenshot shows the Sphero Edu application interface. At the top, there is a navigation bar with icons for Home, App Store, Programs, and Drive. The Drive icon is highlighted with a red box. Below the navigation bar, the main interface is divided into two sections. On the left, there is a large white circle representing the Sphero Mini, with a blue dot in the center. A red arrow points from the text "Control direction of Sphero Mini" to this blue dot. On the right, there is a large colorful sphere representing the Sphero Mini, with a white dot on its surface. A red arrow points from the text "Move to change colour of Sphero Mini" to this white dot. Below the colorful sphere, there is a vertical slider with a blue dot. A red arrow points from the text "Slide up and down to change speed" to this slider. At the bottom of the interface, there is a row of buttons: a left arrow, an "AIM" button, and a right arrow. The "AIM" button is highlighted with a red box. A red arrow points from the text "Calibrate Sphero Mini" to this "AIM" button. On the far right, there is a lightbulb icon. A red arrow points from the text "Slide to change the brightness of the LED" to this lightbulb icon.

Control direction of Sphero Mini

Calibrate Sphero Mini

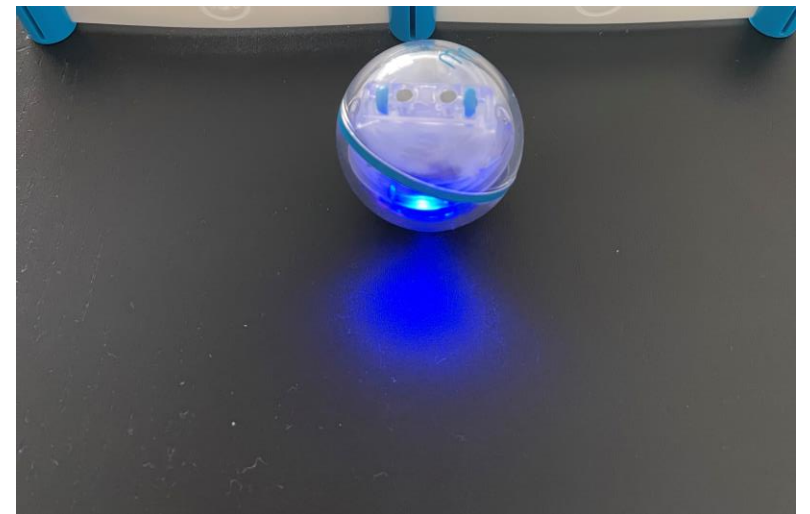
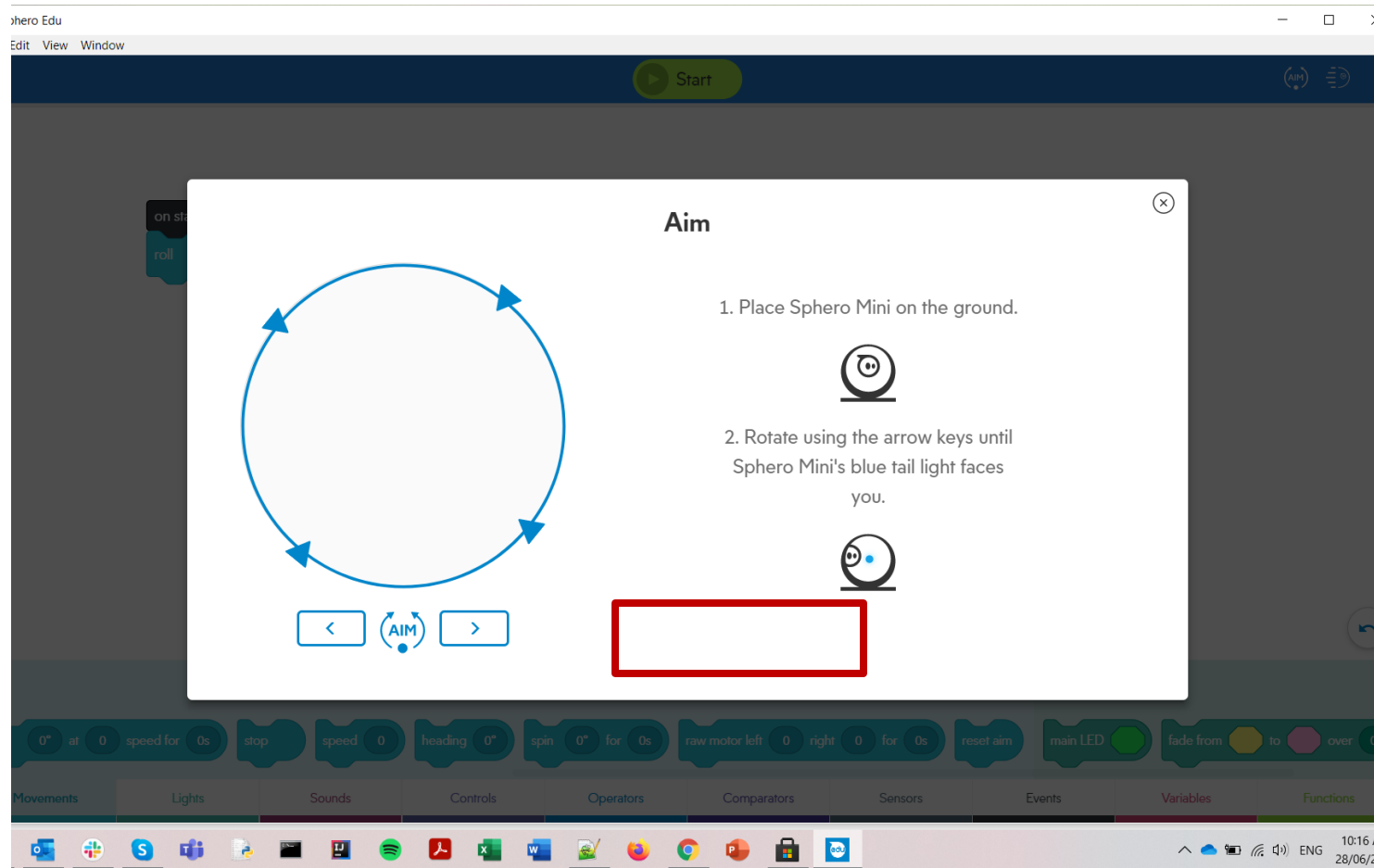
Move to change colour of Sphero Mini

Slide up and down to change speed

Slide to change the brightness of the LED

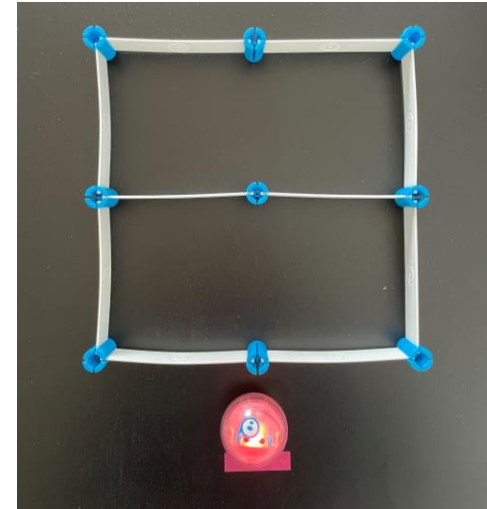
Calibrate and Aim your Sphero Mini

The following window will pop up. Use the arrows until the blue light is at the back, facing you.



Preparation for VIEWS Olympics

- Measure a straight 3 meter "track" and mark out the start and finish line.
- Set up an arch and place this at the finish line.
- Prepare a cardboard ramp using a 20 x 40cm cardboard strip.
- Make sure you have at least a meter on all sides of the ramp.
- Using the components included with your Sphero Mini activity kit, set up the circuit.
- Make sure that you have 20-30cm of free space all around the circuit.





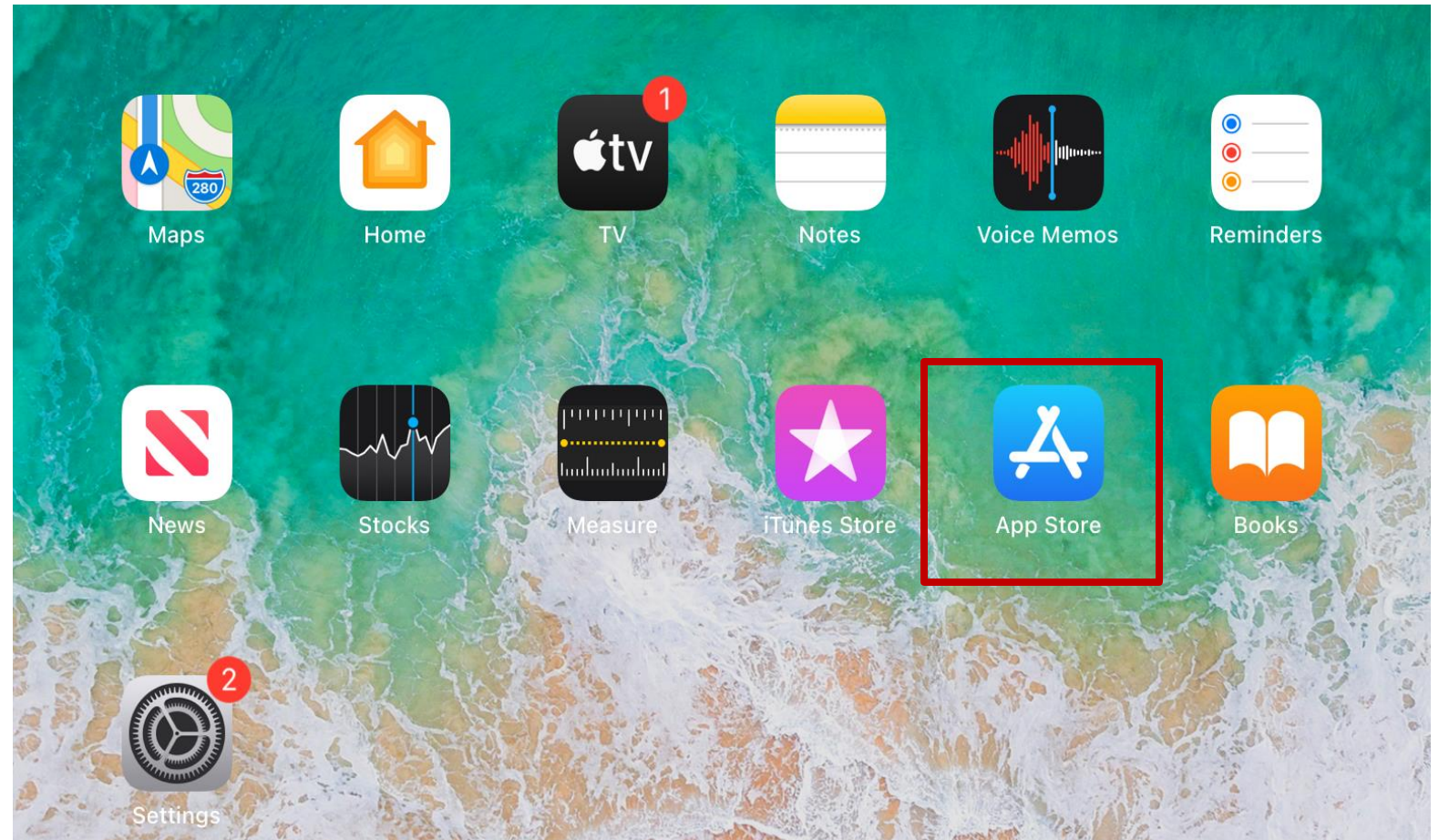
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In case you have an iPad or
MacBook follow
these installation steps instead

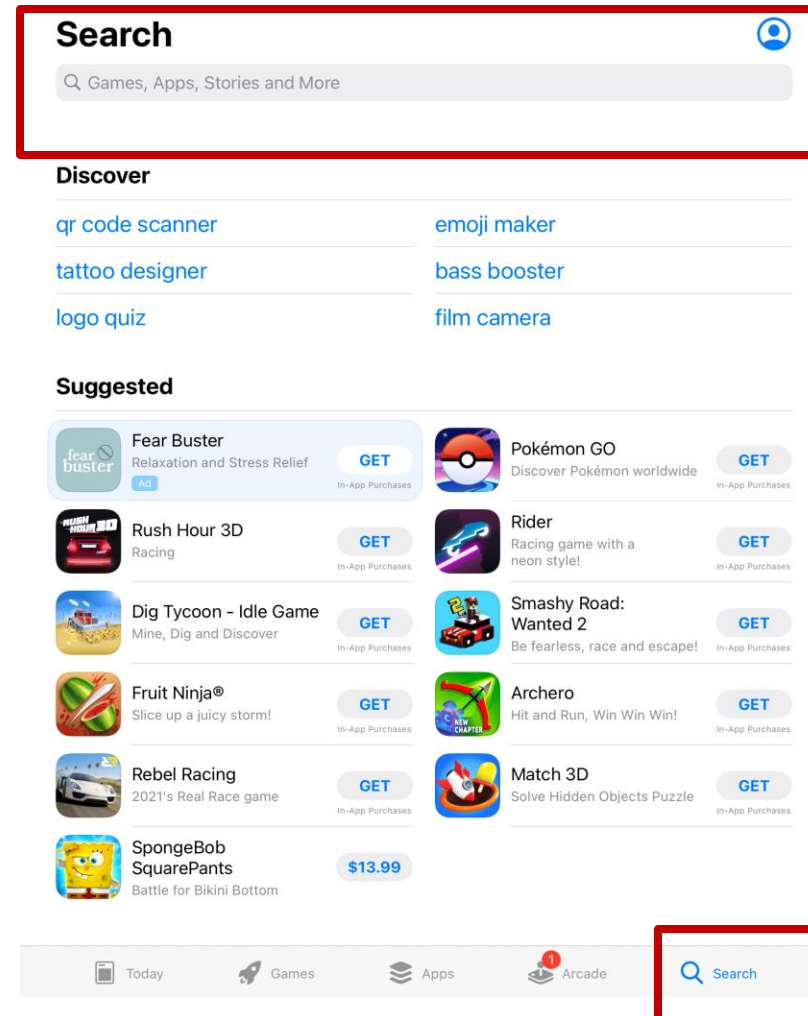
STEP 2: Install the Sphero Edu app on your iPad or MacBook

1. Launch App Store
(see Picture)



STEP 2: Install the Sphero Edu app on your iPad or MacBook

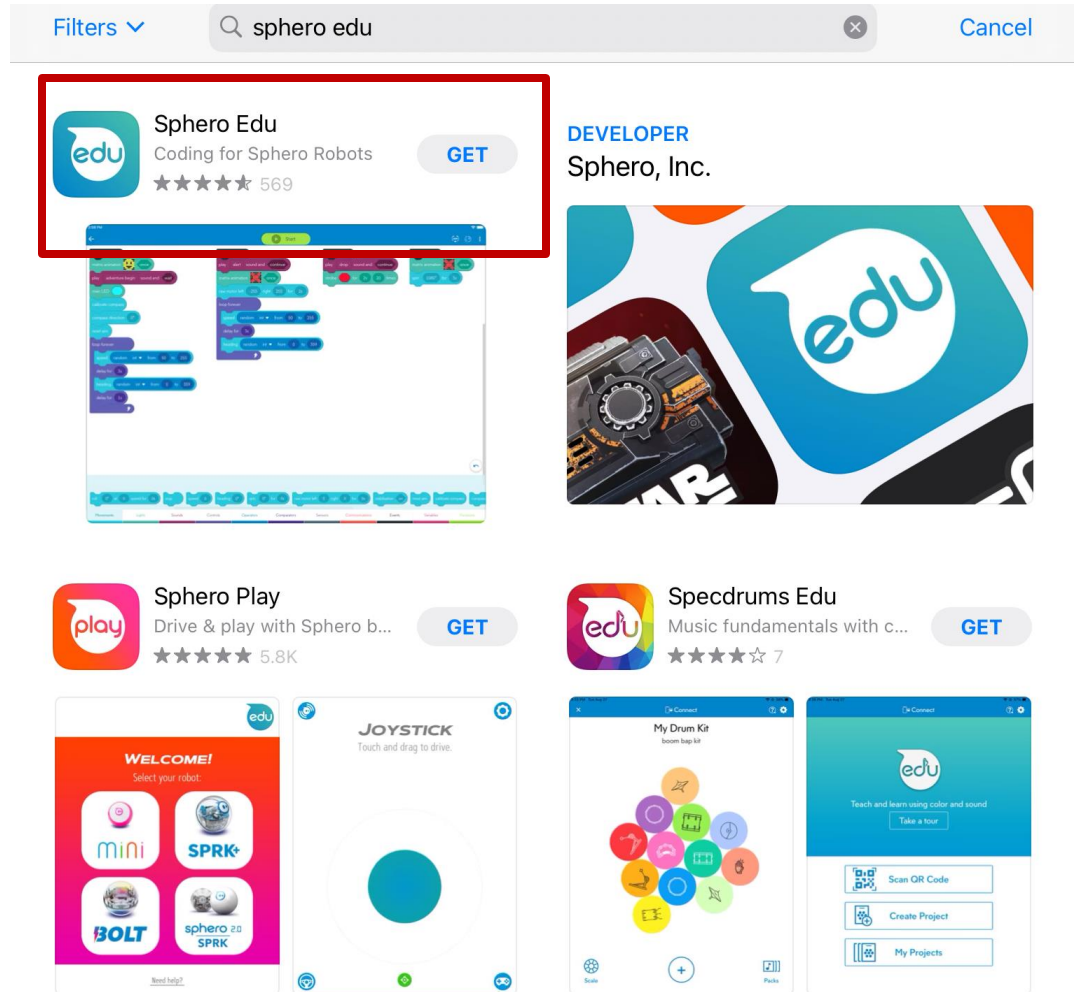
1. Click Search
2. Write in the search bar (top line): “sphero edu”
3. Press enter.



Search

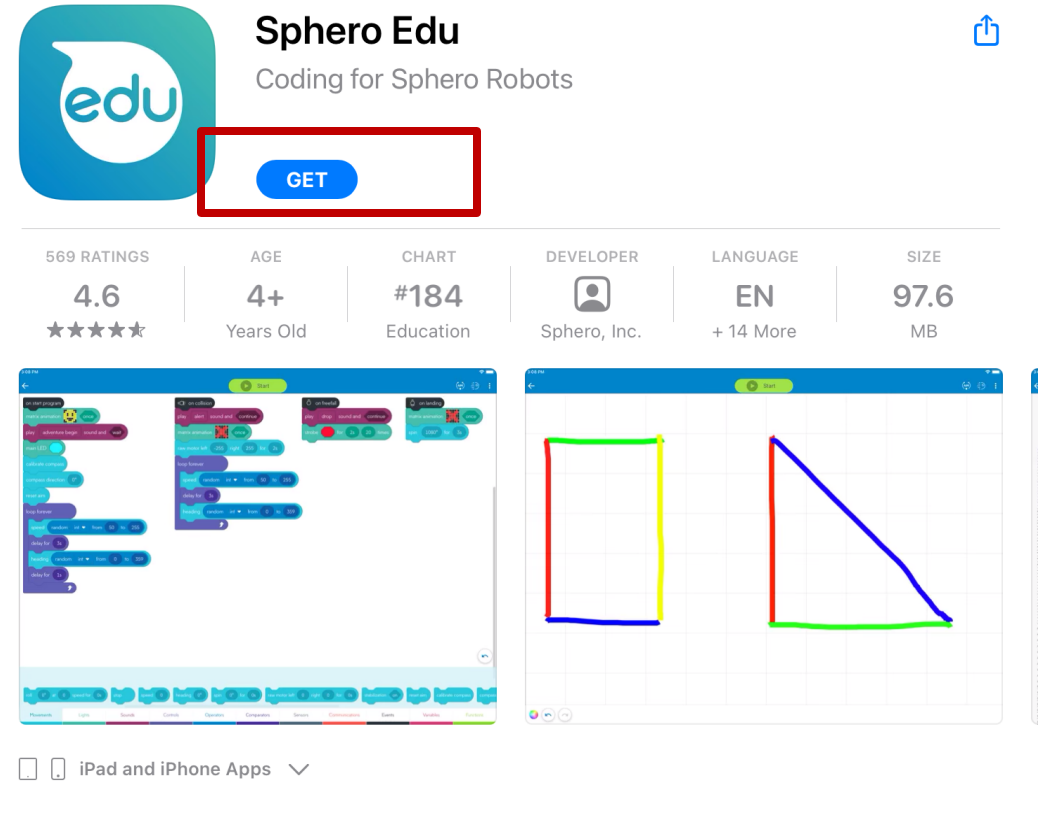
STEP 2: Install the Sphero Edu app on your iPad or MacBook

1. Click on the Sphero Edu app.



STEP 2: Install the Sphero Edu app on your iPad or MacBook

1. Click on the **Get** button.
2. Follow the installation instructions.
3. Wait for the installation to complete.

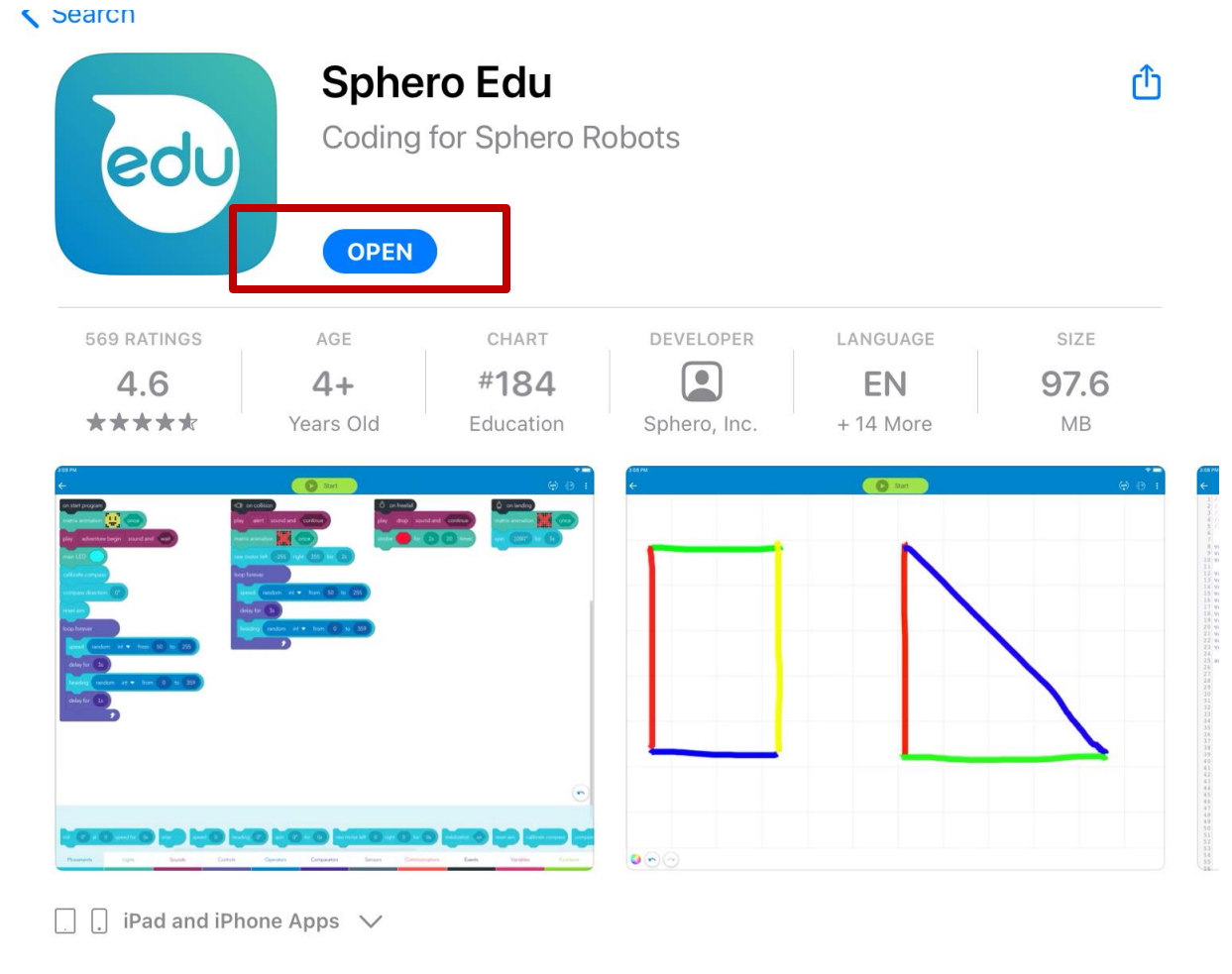


The official app for learning to code with Sphero robots.
Sphero Edu is your hub to create, contribute, and learn with Sphero robots. Go beyond code by incorporating unique STEAM activities to [more](#)

[Sphero, Inc.](#)
Developer

STEP 2: Install the Sphero Edu app on your iPad or MacBook

1. After the installation is complete.
2. Click on the **Open** button.



STEPS 3-5: As per Windows Installation

1. Please see Steps 3-6 of Windows installation to connect your Sphero mini to your iPad/macBook, register for an account, and start "Driving" your Sphero Mini.