

Downloading and running the Lego Mindstorm EV3 application on Windows, Chromebooks, iPads, & MacOS

Downloading the application to Windows (7, 8.1, 10), Chromebooks, and iPads:

1) Download link for the Lego Mindstorm EV3 application (non-MacOS):

<https://education.lego.com/en-us/downloads/mindstorms-ev3/software>

education

DISCOVER SHOP RESOURCES

MicroPython Learning Curriculum

MicroPython

Program in Python with EV3

You can now use your EV3 Brick to unleash the power of Python programming using MicroPython. Simply install the EV3 MicroPython image onto any micro SD card and boot up your EV3 Brick from it to start programming straight away. Switching back to the standard LEGO® MINDSTORMS® EV3 firmware is just as simple. We have also provided full documentation and sample API code to get you started.

LEARN MORE ABOUT PYTHON FOR EV3

Download your MINDSTORMS software

Windows (7, 8.1, 10) English (United States)

DOWNLOAD

916 MB

If you have any LEGO MINDSTORMS Education EV3 product then you need to download this software. Includes teacher resources, a documentation tool, data logging, building instructions and tutorials. Click here to find out more about the different Windows 10 versions available.

[SOFTWARE-REQUIREMENTS](#)

2) After clicking on the link, click on the drop-down menu shown in the image above.

MicroPython

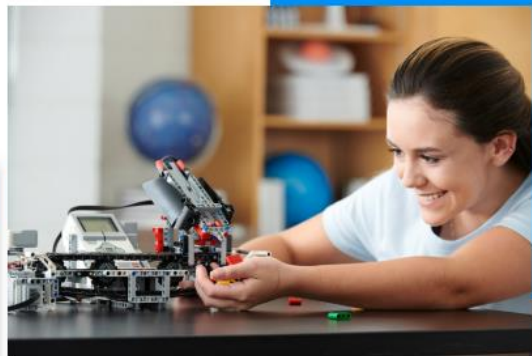
Program in Python with EV3

You can now use your EV3 Brick to unleash the power of Python programming using MicroPython. Simply install the EV3 MicroPython image onto any micro-SD card and boot up your EV3 Brick from it to start programming. This software is compatible with standard LEGO® MINDSTORMS® EV3 firmware. For more information, see the full documentation and sample API code to get started.

LEARN MORE ABOUT PYTHON FOR EV3

Select your OS (not Mac)

Windows (7, 8.1, 10)	✓
Windows 10 (touch devices)	✓
Mac OS	✗
Chromabook	✓
iPad	✓
Android	✗
Fire tablets	✗



Load your OS software

English (United States)

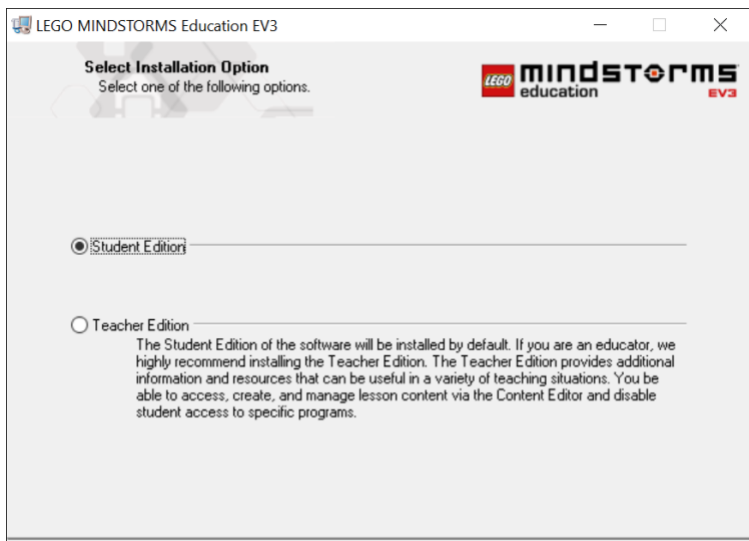
DOWNLOAD

916 MB

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> SOFTWARE-REQUIREMENTS

3) Select your Operating System (OS). Certain OSes are not supported in the class, so you cannot use the OSes with a black “X” next to them. (Except for MacOS, which has a separate list of instructions, which are described later.)

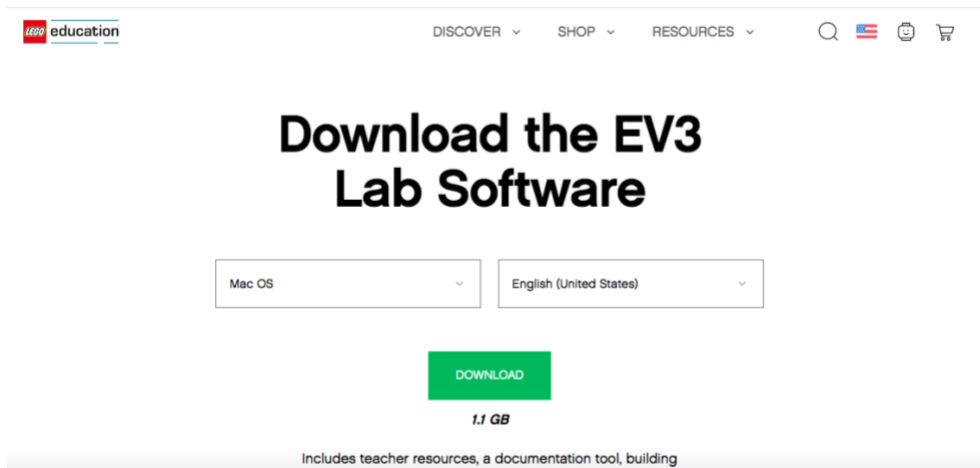


- 4) Select the “**Student Edition**” option once you open the downloaded Lego Mindstorm EV3 application. You will also need to agree to the Licensing Agreements. (This step may not pop up for iPads and Chromebooks.)

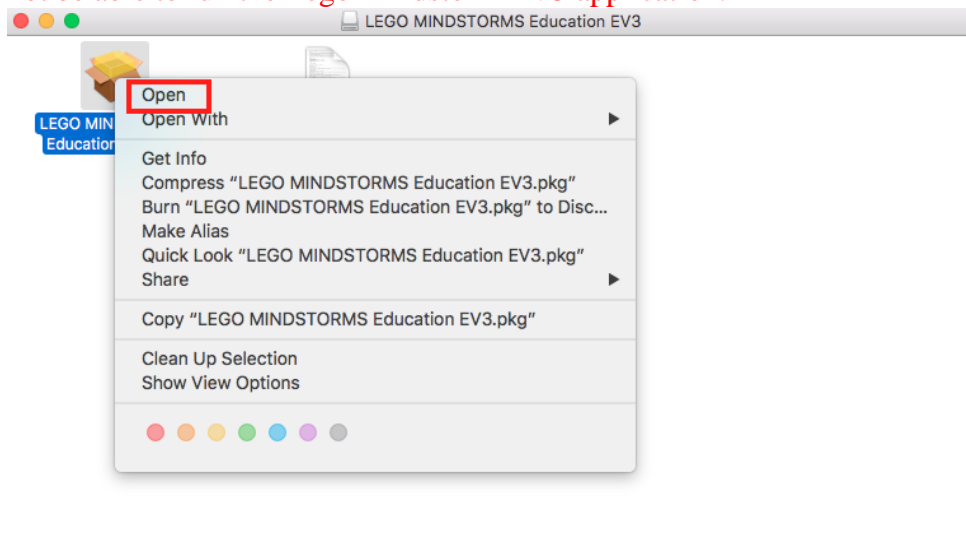
Downloading the application to MacOS Mojave or earlier:

- 1) Click the download link for the Lego Mindstorm EV3 application (MacOS only):

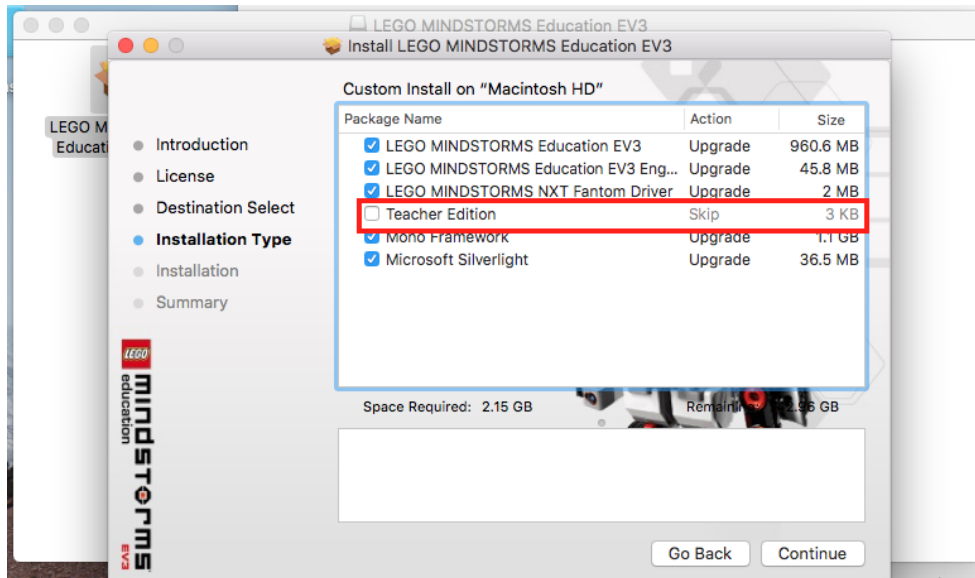
<https://education.lego.com/en-us/downloads/retiredproducts/mindstorms-ev3-lab/software>



- 2) Click download if you have a MacOS of Mojave or earlier. Otherwise, the computer will not be able to run the Lego Mindstorm EV3 application.

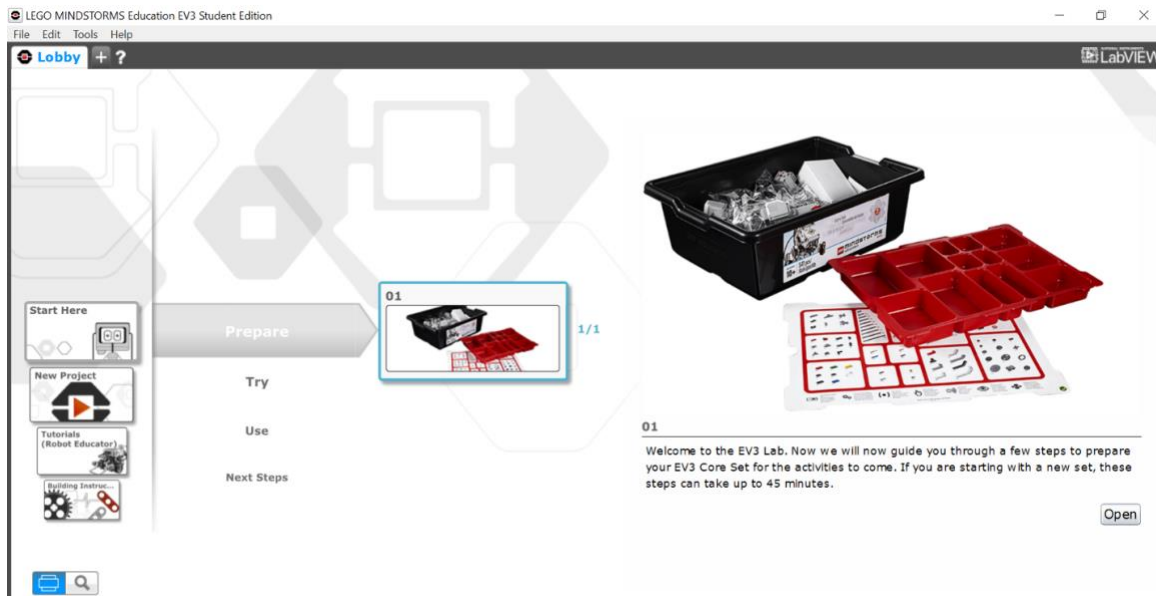


- 3) When opening the Installer file you have to right click (two finger click) the icon and click open in order to open the installer. Just double clicking will not allow you to open the application due to security reasons.

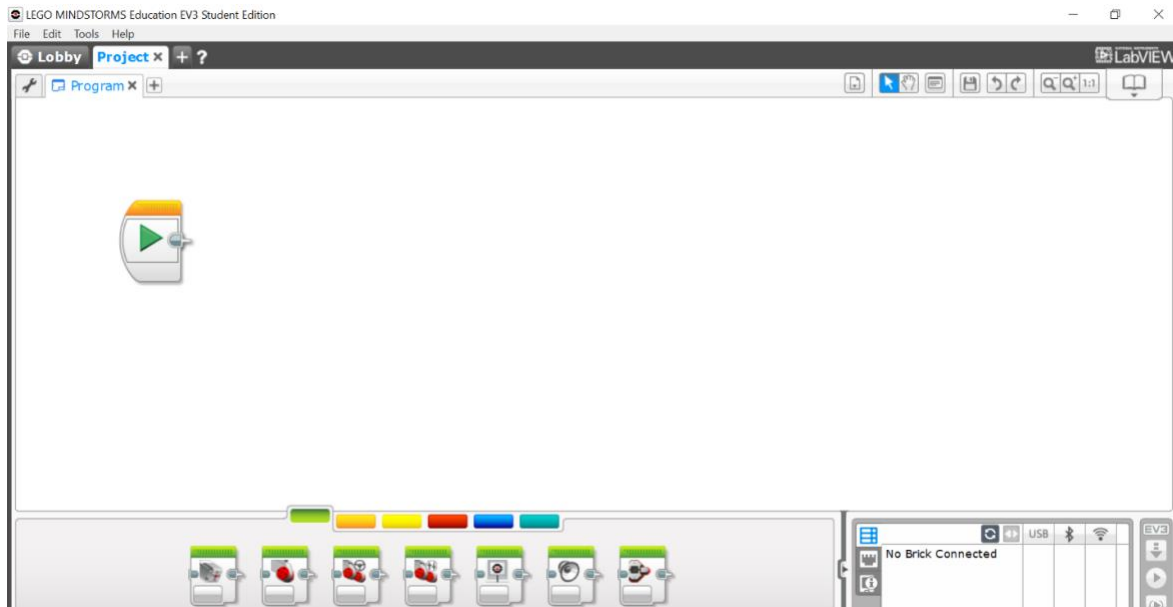


- 4) To download the student edition make sure the “Teacher Edition” box is unchecked as shown above. You will also need to agree to the Licensing Agreements before you get to this step.

Running the Lego Mindstorm EV3 application on Windows:

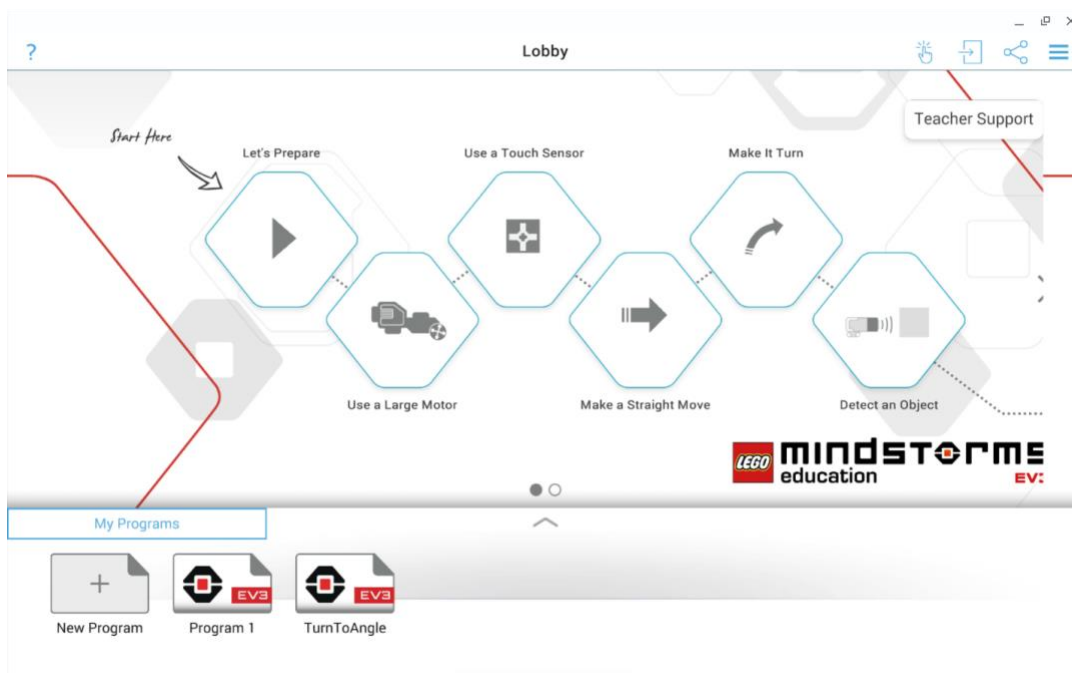


- 1) Once you have opened the downloaded Lego Mindstorm EV3 application, you will see a “Lobby” where you can create a new Project and Program by clicking on the “+” next to the word Lobby in the upper left corner. (Shown above)

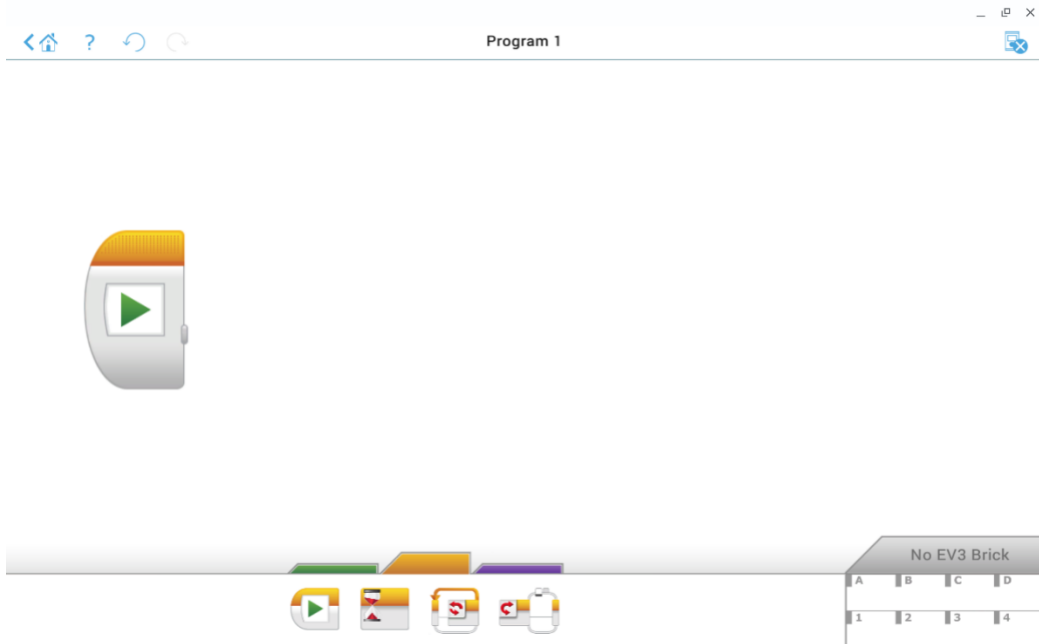


2) The above image shows how a new Project and Program look.

Running the Lego Mindstorm EV3 application on Chromebook:

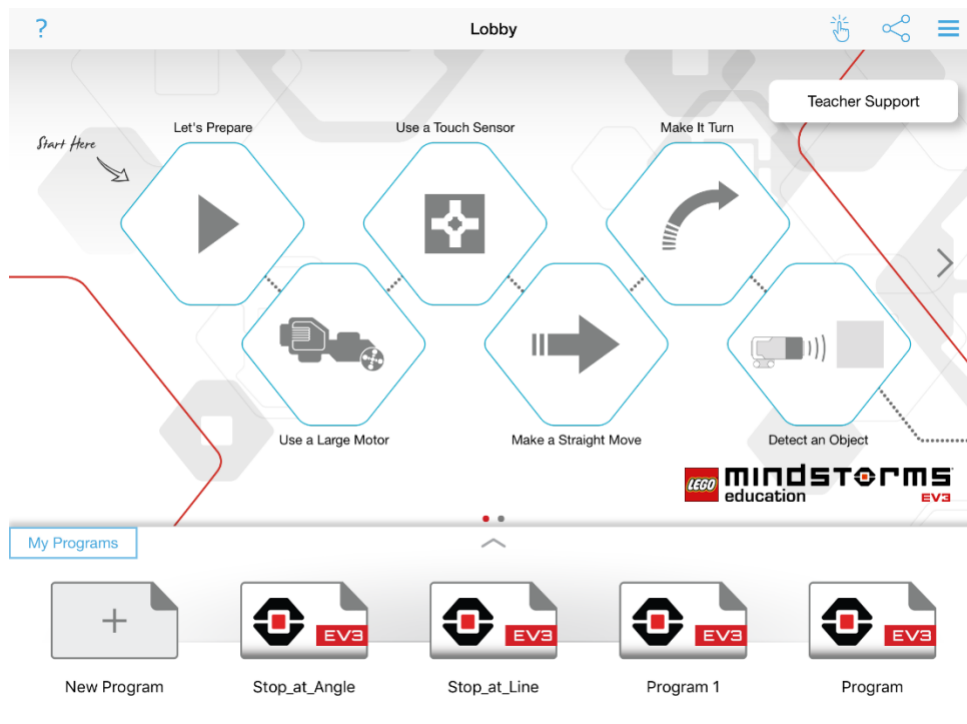


1) Once you have opened the downloaded Lego Mindstorm EV3 application, you will see a “Lobby” where you can create a new Program by clicking on the “+” in the bottom left corner underneath “My Programs.”



2) The above image shows how a new Program looks.

Running the Lego Mindstorm EV3 application on iPad:



1) Once you have opened the downloaded Lego Mindstorm EV3 application, you will see a “Lobby” where you can create a new Program by clicking on the “+” in the bottom left corner underneath “My Programs.” (Shown above)



LabVIEW

No EV3 Brick			
A	B	C	D
1	2	3	4

The image shows a LabVIEW interface with a toolbar containing icons for various hardware components: a white EV3 brick, a red EV3 brick, a red EV3 brick with a motor, a red EV3 brick with a motor and sensor, a green sensor, a grey motor, and a red EV3 brick with a motor and sensor. To the right of the toolbar is a table with the header 'No EV3 Brick' and a grid with columns A, B, C, D and rows 1, 2, 3, 4.

2) The above image shows how a new Program looks.