

Descargar el programa para EV3

Para poder programar nuestros proyectos en EV3.



Accederemos al siguiente enlace:

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

Download the EV3 Lab Software v. 1.4.5

Windows (7, 8.1, 10) ▾	Español ▾
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Windows (7, 8.1 & 10)

This desktop application, called EV3 Lab, offers a complete selection of learning possibilities. From simple and advanced programming functionalities to collecting and analyzing sensor data in an intuitive graph environment. The built-in content editor enables you to customize curriculum content and create your own, and allows students to document their work directly in the software.

Key Features and Benefits

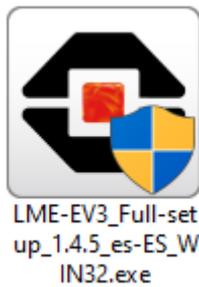
- Extensive programming functionalities
 - 48 tutorials (Robot Educator)
 - Data logging
 - Built-in content editor

[View System Requirements](#)



[DOWNLOAD](#)

Selecciona tu sistema operativo y el idioma seguido del botón DOWNLOAD.



Ya tenemos el archivo en la carpeta descargas que por el procedimiento habitual podrás instalar.

Desde el siguiente enlace obtendrás más contenido curricular.

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

DISCOVER ▾ SHOP ▾ RESOURCES ▾ Q

MINDSTORM EV3 Curriculum content

In order to use the curriculum materials you need to have the LEGO MINDSTORMS Education EV3 software installed. These resources focus on students aged 10-16 with links to national curriculum standards. Includes student-ready resources, full teacher support, assessment tools, sample programs, and building instructions.

Choose Platform/Device: Windows (7, 8.1, 10) ▾
Choose Your Language: Español ▾

 <h3>EV3 Maker Activities</h3> <p>These six activities require the LEGO® MINDSTORMS® Education EV3 Core Set (45544). Supporting materials for teachers and middle school students are provided, offering everything teachers and students need to explore their inner makers as they follow the design process to solve open-ended, themed challenges.</p> <p>> DOWNLOAD</p>	 <h3>EV3 Design Engineering Projects</h3> <p>Provides 30+ hours of classroom instruction and problem-solving activities focusing on STEM learning using real-life robotics. Each of the 15 activities begins with a design brief and ends with a final project that can be presented and shared. Integrates into the EV3 Software.</p> <p>> DOWNLOAD</p>	 <h3>EV3 Science Curriculum</h3> <p>Provides 28+ hours of classroom instruction integrated into the EV3 Software. Includes 14 physical science experiments centered on energy, heat and temperature, force and motion, and light. Students will utilize data logging capabilities. Some experiments require the Renewable Energy Add-on Set (9688) and the Temperature Sensor (9749). Integrates into the EV3 Software.</p> <p>> DOWNLOAD</p>	 <h3>EV3 Space Challenge Curriculum</h3> <p>This download requires the EV3 Space Challenge Set (45570). Provides 30+ hours of classroom instruction and STEM learning. Includes challenge missions and research projects co-developed with space experts. Students will explore and create innovative solutions to current space exploration topics. Integrates into the EV3 Software.</p> <p>> DOWNLOAD</p>
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> SOFTWARE

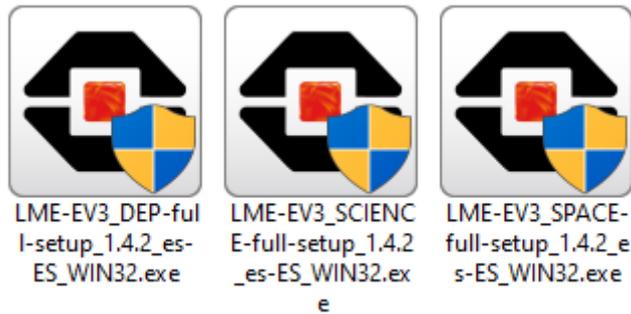
Recuerda seleccionar tu sistema operativo y tu idioma.

Selecciona

		
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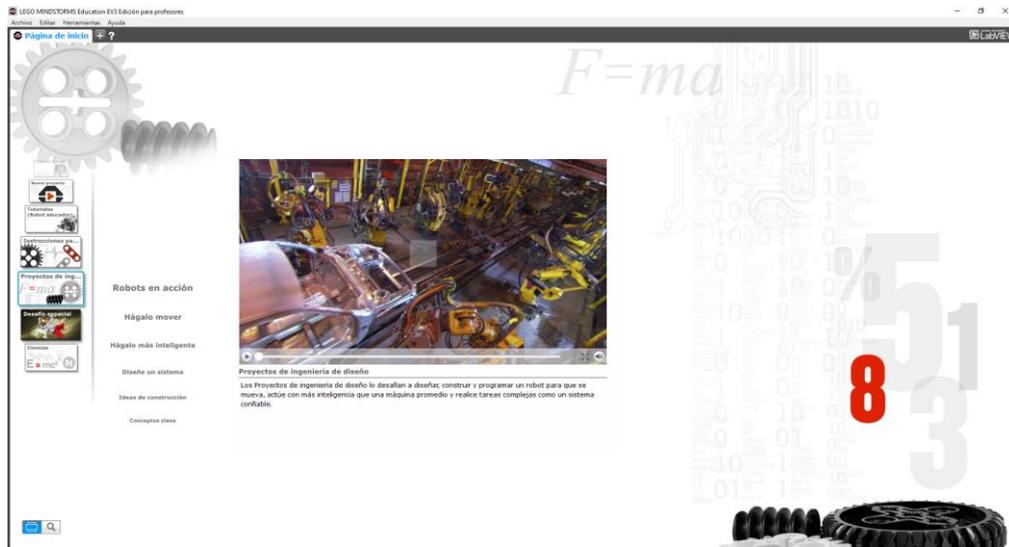
Las siguientes descargas.

En descargas tendremos los siguientes archivos.



Que instalaremos a continuación, tienes que haber cerrado el programa que instalaste con anterioridad.

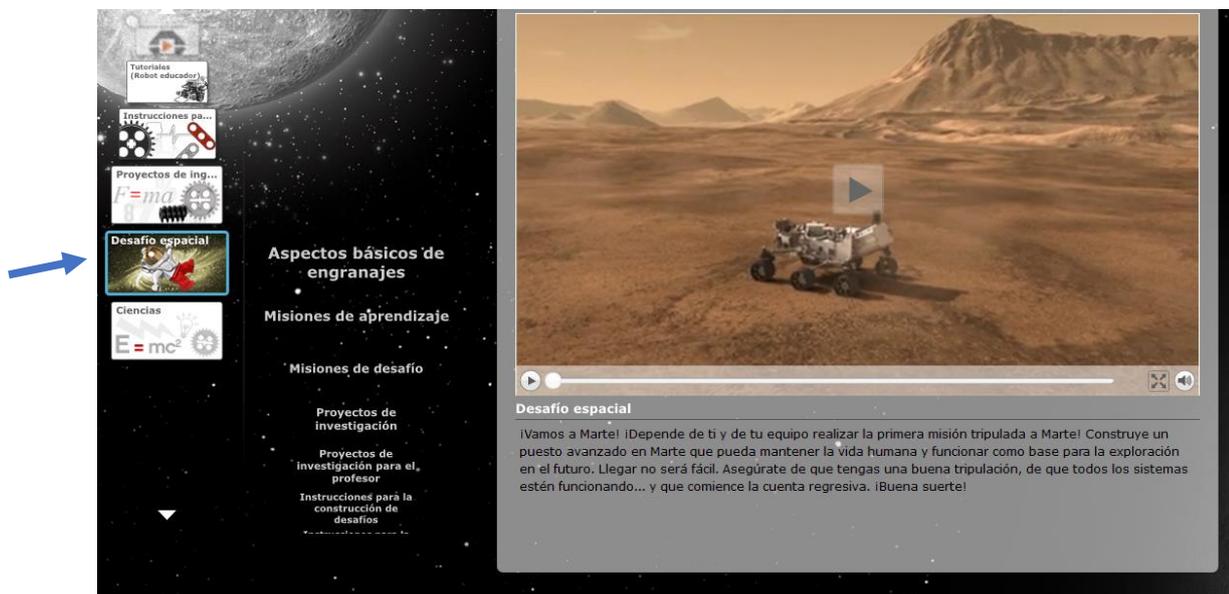
Cuando ejecutes de nuevo el programa verás que se han activado tres apartados.



Proyectos de ingeniería



Desafío espacial



Ciencias



The image shows a LEGO EV3 robot with a green sensor on top. To its left is a vertical menu of science topics. A blue arrow points to the 'Ciencias' option, which features the equation $E = mc^2$. Other options include 'Desafío espacial', 'Proyectos de Ing...', 'Instrucciones pa...', and 'F=ma'.

Ciencias
 $E = mc^2$

Energía

Fuerza y movimiento

Luz

Calor y temperatura

Información adicional

Preguntas de revisión



A 3x3 grid of images illustrating various scientific concepts: solar panels on a house, a ball on an inclined plane, an electric car charging station, a campfire, wind turbines, and interlocking gears.

Ciencias
Experimento para la lección de ciencias