



Since 1966

“We Modernize Education”

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#45544 LEGO EV3 CORE SET

This Core Set is optimized for classroom use and contains all you need to teach using the exciting LEGO MINDSTORM set. It contains the EV3 Intelligent Brick, a powerful small computer that makes it possible to control motors and collect sensor feedback. It also enables BT and WIFI communications as well as providing programming and data logging. This is also an excellent way of getting students to talk to each other and cooperate as well as giving them hands on experience with an array of sensors, motors, and intelligent units.

The Set Includes:

- Rechargeable battery pack (1)
- Interactive servo motors (3)
- Built-in rotation sensor(1)
- Ultrasonic sensor(1)
- Touch sensors (2)
- Gyro sensor (1)
- Color sensor (1)
- Light sensor (1)
- Ball Wheels
- LEGO Technic Building bricks for creating a vast variety of models
- Building instructions, element overview, etc. (YES)
- Storage box incl. top and bottom sorting tray (YES)
- Total piece count (all elements in set) (541)



KEY LEARNING VALUES:

LEGO EV3 CORE SET helps to reinforce students' understanding of science, technology, engineering and math in the following ways:

SCIENCE

Design and build programmable robots using motors, sensors, gears, wheels, axles and other technical components.

TECHNOLOGY

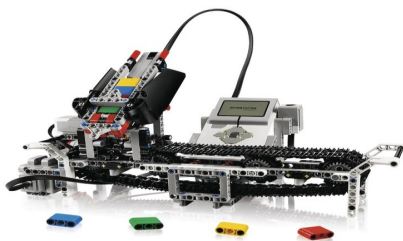
Understand and interpret two- dimensional drawings to create three- dimensional models. Build, test, troubleshoot and revise designs to improve robot performance.

ENGINEERING

Brainstorm solutions; choose one, then build it, test it and evaluate it.

MATH

Gain practical, hands-on experience using mathematical concepts such as estimating and measuring distance, time, speed. Communicate effectively using scientific and technical language.



EFFECTIVE MAY 2013. Prices subject to change without prior notice **VAT NOT INCLUDED.**