

STEM & Robotics Produino Set

E40.1 TEACHER'S GUIDE

The **STEM & Robotics Produino education set** is specially designed for Secondary school children of ages 12+ but is ideal for older students of 12-16+ and even vocational schools and hobby engineers. With innovative experimental activities it covers the core subjects of STEM and moves into advanced programming with textual coding. Besides its main controller, it embeds an additional Arduino processor that enables open DIY projects. The set comes in a convenient plastic storage tub that contains a large number of ENGINO® structural and technical parts and high-level of robotic devices such as the unique Produino controller. It has 2 DC motors, a servo motor, a touch sensor, 2 IR sensors, a color sensor, an ultrasonic sensor and a gyroscope/accelerometer sensor. Besides the programmable screen, it conveniently has a built-in large breadboard for making your own circuitry. It allows the construction of more than 30 STEM and Robotic models.



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