

Item no.: 353148

AKX00025 - Student Basic Programming Kit English

from **55,50 EUR**

Item no.: 353148
 shipping weight: 1.00 kg
 Manufacturer: Arduino



Product Description

Arduino Student Kit English

Learn the basics of programming, coding and electronics including current, voltage, and digital logic. No prior knowledge or experience is necessary as the kit guides you through step by step.

You'll get all the hardware and software you need for one person, making it ideal to use for remote teaching, homeschooling, and for self-learning. There are step-by-step lessons, exercises, and for a complete and in-depth experience, there's also extra content including invention spotlights, concepts, and interesting facts about electronics, technology, and programming.

Lessons and projects can be paced according to individual abilities, allowing students to learn from home at their own level. The kit can also be integrated into different subjects such as physics, chemistry, and even history. In fact, there's enough content for an entire semester.

The Arduino Student Kit comes with several parts and components that will be used to build circuits while completing the lessons and projects throughout the course. Here is a brief description of what is included in the kit:

- Access code to exclusive online content including learning guidance notes, step-by-step lessons and extra materials such as resources, invention spotlights and a digital logbook with solutions.
- 1x Arduino Uno
- 1x USB cable
- 1x board mounting base
- 1x multimeter
- 1x 9 V battery snap
- 1x 9 V battery
- 20x LEDs (5x red, 5x green, 5x yellow & 5x blue)
- 5x resistors 560 ?
- 5x resistors 220 ?
- 1x breadboard 400 points
- 1x resistor 1 k?
- 1x resistor 10 k?
- 1x small Servo motor
- 2x potentiometers 10 k?
- 2x knob potentiometers
- 2x capacitors 100 uF
- Solid core jumper wires
- 5x pushbuttons
- 1x phototransistor
- 2x resistors 4.7 k?
- 1x jumper wire black
- 1x jumper wire red
- 1x temperature sensor
- 1x piezo
- 1x jumper wire female to male red
- 1x jumper wire female to male black
- 3x nuts and bolts

Specifications

**Scan this QR code to
view the product**
All details, up-to-date
prices and availability

