



# ARDUINO STUDENT KIT

Code: student-kit



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.
- 1 Arduino Uno
- 1 USB cable
- 1 Board mounting base
- 70 Solid core jumper wires



- 1 Multimeter
- 1 9V battery snap
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- 20 LEDs (5 red, 5 green, 5 yellow & 5 blue )
- 5 Resistors 560  $\Omega$
- 5 Resistors 220  $\Omega$
- 1 Breadboard 400 points
- 1 Resistor 1k $\Omega$
- 1 Resistor 10k $\Omega$
- 1 Small Servo motor
- 2 Potentiometers 10k $\Omega$
- 2 Knob potentiometers
- 2 Capacitors 100uF Solid core jumper wires
- 5 Pushbuttons
- 1 Phototransistor
- 2 Resistors 4.7k $\Omega$
- 1 Jumper wire black
- 1 Jumper wire red
- 1 Temperature sensor
- 1 Piezo
- 1 Jumper wire female to male red
- 1 Jumper wire female to male black
- 3 Nuts and Bolts