



# THINKZ EDUCATION KIT



## MATERIAL PART :

- 19 modules with various sensors and actuators
- a WEB application to program in PYTHON, C++ ou BLOCKLY

## THINGZ IS :

- easy to use
- immediate implementation
- no short circuits
- no sense of placement

## the THINGZ education kit

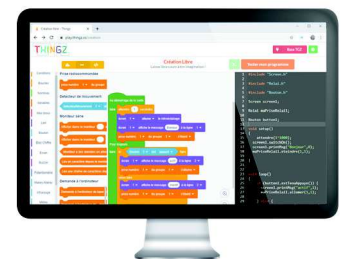
- includes a base and 19 modules:
- 3 LEDs
  - 3 Buttons
  - 3 Tactile: bricks and crocodile clips
  - 1 Buzzer
  - 1 color screen
  - 1 temperature and humidity sensor
  - 1 light sensor
  - 1 Motion detector
  - 2 potentiometers
  - 2 7-segment displays
  - 1 radio module and its connected mains socket as well as a usb cord.

**Thingz** is a set of interoperable and freely programmable modules.

**Thingz** is a perfectly adapted tool to go from the algorithm to the program then to the implementation.

The students use the **PYTHON** or **BLOCKLY** language to program the functionalities of the object they have created.

Thingz is a robust solution whose modules are positioned on the base without obligation of direction and without possibility of short circuits.



Web application Python, C++ ou Blockly



7-segment display	on/off LED	connected socket and radio module	6-line LCD display
multi-frequency buzzer	movement detector	touch sensor	ambient light sensor
humidity and temperature sensor	rotary potentiometer	pushbutton	infrared sensor