



Light Pack

11-13 yr old

Basic Circuitry
 Resistance
 Current
 Renewable energy
 Light Sensors
 Capacitance

Features:

LEDs, Filament Bulbs
 Resistors, Capacitors
 Solar Panels, Phototransistor



Sound Pack

14-16 yr old

Intermediate Circuitry
 Inductance
 Opamps
 High/Low Pass Filters
 MP3 Player Interface
 AC Current

Features:

Speakers, Inductors, Opamps
 Pre-built filters, 3.5mm Jack
 Wind-up power supply



Intelligence

17-18 yr old

Advanced Circuitry
 Programming
 Microcontrollers
 Timers
 Various Sensors
 Pull-up/down inputs

Features:

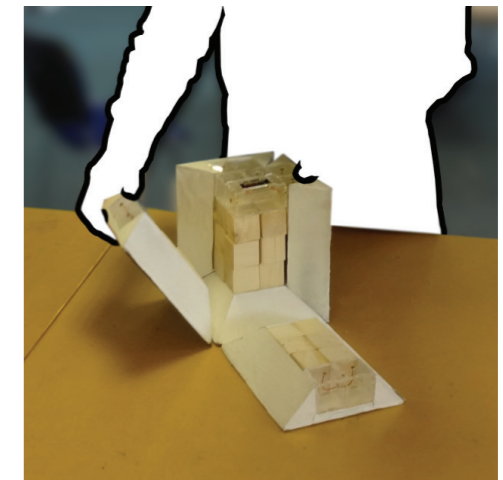
Microchip (such as an Arduino),
 Sound Sensor, Force Sensor,
 Timer, LCD screen



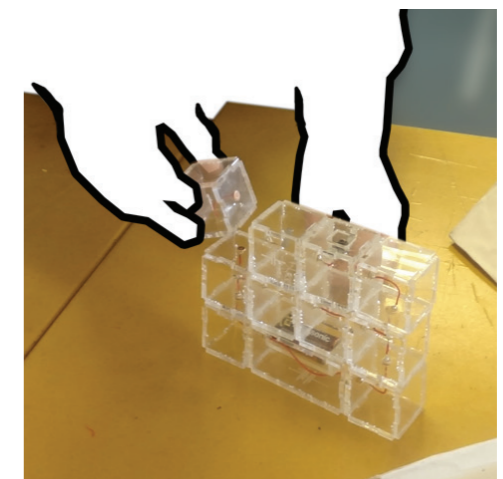
CUBEHIT



First contact with the product



Unfolding the packaging



Assembling the first circuit

