

## Buying the sensors

We ordered and bought the sensor from a reseller that could provide sensors for cheap. Any sensor is available for as few as € 2-7, the equipment (breadboard, cables, VoltAmperometer) can be easily bought for cheap as well, while the solder can be provided by the school.

DFRobot, for instance, provides affordable sensors that give fair measurements if used with Arduino Systems. You can find dozens of provider anyway to order any kind of sensor.

The sensors used in our unit are:

SEN0228 Gravity Digital Ambient Light Sensor

SEN0047 Force Sensitive Resistor 0.5"

DFR0032 Digital Buzzer Module

DFR0034 Gravity Analog Sound Sensor

DFR0023 Gravity Analog LM35 Linear Temperature Sensor

SEN0043 Analog Ambient Light Sensor

SEN0244 Gravity Analog Sensor Meter

Buying TI products is more expensive, with teacher price or group orders the price of the calculator TI Nspire CX CAS is around 80 euros, whereas the TI Innovator hub can be purchased for 60 euros.