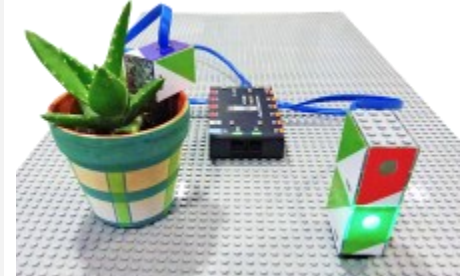


S1 ECO Ecology kit

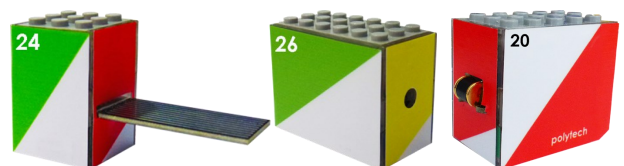
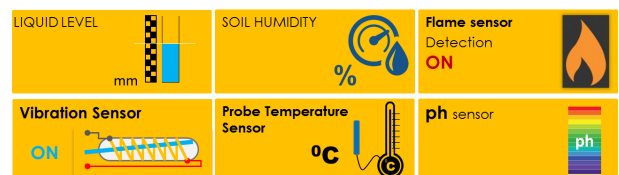
S1 ECO is an add-on set of SMART:Blox to the kits **S1 Basic** and **S1A** offering more Input and Output devices and more programming training in **Ecology oriented projects**. It offers the possibility to create more complex STEAM projects, typical of Ecology applications and enhance greater skills in algorithmic and programming logic.



Below are the devices used in the S1 ECO kit:

S1 ECO - Add-on kit to S1 and S1A	Pcs
SB 24 Water Level Sensor	1
SB 25 Soil humidity Sensor	1
SB 26 Flame Sensor	1
SB 20 Vibration Sensor	1
SB 27 Temperature - Probe Module	1
SB 28 Analog Liquid pH Sensor	1
SB 50 RJ 11 Adapter Universal	1

For each device in the ARDicon database there is a specific icon to be used. Each device has a separate icon also for describing its state, for example ON or OFF, High or Low.



Below are **indicative project themes** that can be performed using the S1 ECO add-on set:

Project Themes	C-STEAM	Level
Water level alarm	A	BASIC
Plant soil humidity	A	BASIC
Fire alarm	A	BASIC
Vibration alarm	A	BASIC
Fire safety	A	1

