



SCRATCH - ADVANCED PROGRAMMING

Learn basics of programming in in Scratch language with leading edge robotics. Solve problems related to activating sensors in robots.

Recommended Age Group

12-14 years

Pre-requisites

None required

CODE WITH ALTINO

Module 1

(2 x 1 hours)

- Introduction to Scratch language
- Program Altino's lights and movement through maze
- Lights and movement robot challenges
- Pixel art and play music

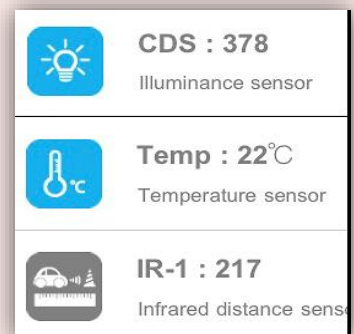


SENSORS IN PHYSICAL WORLD

Module 2

(2 x 1 hours)

- Program a robot using coding principles:
 - Loops and operators
 - Conditional statements
 - Data variables
- Programming sensors
- Apply learning to programming sensors in real life



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