

	works		
Main activity			
Lesson Development	<p>Teacher will inform the group that they will be designing and constructing a device to measure the intensity of light (light sensor). It will be a group work and at the end of the project, there will be a mini competition to determine the best light sensor.</p> <p>In groups of 4, students will design and construct a light sensor and program it. Groups will be given the opportunity to test their light sensor.</p> <p>On the final day, each team has to present their light sensor.</p>	<p>Students will be exposed to the world of programming. They will see for themselves how a simple programming device can help them in their everyday life.</p>	<ul style="list-style-type: none"> ▪ micro:bit with battery pack ▪ laptop with internet access ▪ materials

Additional Remarks:

week 1 (1h) – intro to microbits

week 2 (1h) – teaching how to use microbits – the functions of a light sensor

week 3 (1h) – creation of their light sensor

week 4 (1h) – testing our their light sensor

week 5 (1h) – finalisation of their light sensor