

## STEM Applied Learning Programme

### Lesson Outline

<b>STEM Theme</b>	eWater Sensors & Water Technology
<b>Module</b>	2 (Basic Vehicle Based Water Sensing)
<b>Total Hours</b>	15

No.	Topic
1	Issue with water quality
2	Introduction to Arduino
3	Let's build a sensor
4	Basic of Arduino programming
5	LDR and Multimeter
6	Temperature sensor
7	Brainstorming/Gallery walk
8	Hardware Design
9	SeaPerch and data collection
10	Data review

