

STEM Applied Learning Programme

Lesson Outline

STEM Theme	Food Science and Technology
Module	4 (Smart Kitchen)
Total Hours	13

No.	Topic
1	Introduction to electronics
2	Introduction to embedded systems
3	Traffic lights
4	Buzzer Boombox
5	Design thinking-preliminary discussion of the project
6	Buttons and switches
7	Temperature Sensor
8	Light dependent & Force-sensitive Resistor
9	Smoke Alert!
10	Servo Motor
11	Project I
12	Project II
13	Presentation