STEM Applied Learning Programme

Lesson Outline

STEM Theme	eHealth Sensors
Module	1 (eHealth Sensors: Basic)
Total Hours	16.5

No.	Topic
1	Basic Electronics
2	Introduction to Transistors
3	Microcontroller: Arduino
4	Buzzer Alarm
5	Digital Thermometer
6	Automatic Light
7	Rotary Actuator – Servo Motor
8	LCD Display
9	Lie Detector
10	Heart Structure and Mechanism
11	Heart Beat Sensor
12	Buffer Period (Make-up Lessons from Public Holidays)