

STEM Applied Learning Programme

Lesson Outline

STEM Theme	Applied Health Sciences
Module	6 (Monitor Health Status)
Total Hours	11

No.	Topic
1	Introduction to Electronics –Littlebits, Electronics board junior
2	Introduction to Electronics –Artec Robotist I
3	Introduction to Electronics –Artec Robotist II
4	Breadboard and Resistors
5	Introduction to Arduino
6	Digital and Analog signals
7	Sensor I- Temperature Sensor
8	Sensor II- Heart Beat Sensor
9	LCD Panel
10	Determine my health status I- Temperature and heart rate monitor
11	Determine my health status II- BMI, Body composition and blood pressure monitor

