

STEM Applied Learning Programme

Lesson Outline

STEM Theme	Alternative Energy
Module	3 (Solar Car)
Total Hours	10

No.	Topic
1	Introduction to STEM and ALP; System Thinking
2	Solar Car Materials and Chassis
3	Basic electronics
4	Aerodynamic Shape Investigation
5	Understanding Solar Energy (Part 1)
6	Understanding Solar Energy (Part 2)
7	Transmission
8	Friction Investigation
9	Design Review
10	Race Day

