Robotics 2

The Robotics 2 session will cover the following:
If you would like us to give special focus to any of the Specific Learning Intentions listed below, please ✓ the appropriate box(es) and fax them to us on (03) 365 5189 before the lesson.

Science

Nature of Science

Understanding about science	Levels 3 - 6
Investigating in science	Levels 3 & 4
Communicating in science	Levels 3 - 6

Physical World

Physical inquiry and physics concepts	Levels 3 - 6

Technology

Technological knowledge

Technological systems	Levels 3 & 4

Nature of technology

Characteristics of technology	Levels 3 - 6

Key Competencies

thinking, using language symbols and texts, managing self, relating to others, participating and contributing.

Key Concepts	Learning Intentions **The students may be able to:**	✓
Robots are machines that work on their own, automatically.	**Design**, build and program a robot to perform a specific task, automatically.	
Robots require an input, a program and an output.	**Build** and program a robot that can receive input and perform an output.	
Robots need to be programmed in a logical sequence with a start, middle and stop.	**Use** a logical sequence to program a robot to perform specific tasks.	
Creating robotic machines requires problem solving, co-operative and communication skills.	**Apply** problem solving, co-operative and communication skills to solve at least three robotic challenges.	