Links to the New Zealand Curriculum Documents

LEVEL	Science Making sense of…				Social Studies The Processes		Mathematics
	The Nature of Science & its Relationship to Technology	Planet Earth & Beyond	The Physical World	The Material World	Inquiry	Social Decision Making	Problem Solving
1	1. Share and Compare their emerging science ideas 2. Explore and suggest what simple items of technology do. 3. Investigate the uses of familiar technology		4. Describe uses of items of everyday technology, and, in simple terms, suggest how they work.		Use questions Collect and record information Make a generalisation based on findings	Identify issues and problems Develop solutions to relevant problems Make a choice about possible action	Within a range of meaningful contexts students will be able to: Pose questions for mathematical exploration. Effectively plan mathematical exploration Devise and use problem-solving strategies to explore situations mathematically Find and use with justification a mathematical model as a problem solving strategy Use equipment appropriately when exploring mathematical ideas.
2	2. Investigate and describe how simple items of technology work. 3. Investigate the way that simple items of technology have developed.		4. Describe in simple terms, how items of everyday technology work and affect our lives.				
3	2. Investigate examples of simple technological devices and link these with some scientific ideas. 3. Investigate the impact of some well known technological innovation or scientific discovery on people and / or the environment.	4. Justify their personal involvement in a school or class initiated local environmental project.	4. Investigate and describe how selected items of everyday technology work and affect our lives.		Collect and record information from a range of sources Process information using appropriate conventions Make a valid generalisation supported by the evidence Communicate findings using conventions appropriate to the mode of communication	Identify possible causes of issues and problems Use criteria to evaluate a range of solutions to relevant problems Make a choice about possible action and justify this choice	
4	2. Investigate examples of simple technology to clarify some scientific ideas.	4. Investigate a local environmental issue and explain the reasons for the community's involvement.	4. Investigate and offer explanations of how selected items of technology function and enhance everyday activities of people.	4. Investigate the positive and negative effects of substances on people and the environment.			
5		5. Research a national environmental issue and explain the need for responsible and cooperative guardianship of New Zealand's environment.	4. Investigate how physical devices or systems can be used to perform specified functions.		Collect and record information from a range of primary and secondary sources Process information using appropriate conventions and establishing the relevance of the information Make a range of valid generalisations supported by evidence Communicate findings clearly and concisely, using conventions appropriate to the mode of communication	Identify a range of problems associated with an issue and identify underlying problems Generate a range of possible solutions Plan possible actions in relation to identified problems or issues and identify the likely consequences of these actions Make a choice about preferred action and justify the choice.	
6							