

# PrimaryConnections Scope and sequence map

Stage	Scientific literacy level	Year of schooling	Earth and Beyond	Energy and Change	Life and Living	Natural and Processed Materials	
Early Stage 1	< 1	1	<b>Stage theme: Investigating my surroundings and me</b>				
			Changes in the local environment influences daily life	Ways in which objects move	Basics needs of living things must be met for survival in an environment	Objects are made from different types of materials; observable properties of materials	
1	1-2	2 & 3	<b>Stage theme: Organising my world</b>				
			Humans and other living things depend on the Earth, and are affected by its changes	Types of energy, their characteristics, and how we use them in everyday life	Different animals have different structural features; living things depend on their environment	Changing familiar materials changes their properties; physical changes such as melting	
			We depend upon Earth's resources, and are affected by their availability	Pushes and pulls (forces) affect motion and shape of objects	Living things change as they grow; some offspring are similar to parents; living things depend on each other	Materials have different origins and are used for different purposes; substructure of some common materials	
2	2-3	4 & 5	<b>Stage theme: Changes, patterns and relationships in my world</b>				
			Orbits of the Earth, Moon and Sun and the effects observable from Earth; relationship between distance and apparent size	Sources and transfer of different forms of energy, and how they are used in the community	Structures of living things are related to function; living things have different life cycles and reproductive processes	Materials can be classified as solid or liquid based on observable properties; materials can be combined, heated and cooled	
			Changes in the physical environment are affected by physical processes	Different sized forces have different effects on motion; some forces act at a distance while others require direct contact	Living things interact with each other and the environment; living things can be grouped based on characteristics	Properties of an object can depend on the properties of its materials; consequences for humans and the environment of choosing materials for certain uses	
3	3-4	6 & 7	<b>Stage theme: Systems and how they work</b>				
			Changes in the interior of the Earth can cause catastrophic events; Earth's changes occur over different time scales	Forms of energy differ in the way they can be transferred or stored; energy can be transformed	The survival of organisms is dependent on their suitability to their environment	Selection of materials for a specific purpose depends on selection criteria as well as the properties of the materials being considered (link to Technology)	
			Space exploration has taught us about planets and other objects in the solar system; gravitational attraction causes orbits	Motion can be described by simple combinations of forces supporting or opposing each other	The cell is the unit of all living things; living things can be classified according to their structures	Physical and chemical changes to materials involve different processes at the particle level; reactions are influenced by conditions such as heat	