

## Science Key Concepts Scope and Sequence ~ 2020

TERM 1	TERM 2	TERM 3	TERM 4
<b>PHYSICAL SCIENCE</b>	<b>EARTH &amp; SPACE</b>	<b>CHEMICAL SCIENCE</b>	<b>BIOLOGICAL SCIENCE</b>

### Foundation

The way objects move depends on a variety of factors, including their size and shape.	Daily and seasonal changes in our environment affect everyday life.	Objects are made of materials that have observable properties.	Living things have basic needs, including food and water.
---	---	--	---

### Grade One

Light and sound are produced by a range of sources and can be sensed.	Observable changes occur in the sky and on the landscape.	Everyday materials can be physically changed in a variety of ways.	Living things have a variety of external features and live in different places, where their basic needs, including food, water and shelter are met
---	---	--	--

### Grade Two

A push or a pull affects how an object moves or changes shape.	Earth's surface changes over time as a result of natural processes and human activity.	Everyday materials can be combined with other materials for a particular purpose.	Different living things have different lifecycles and depend on each other and the environment to survive.
--	--	---	--

### Grade Three

Heat can be produced in many ways and can move from one object to another; a change in the temperature of an object is related to the gain or loss of heat by the object.	Earth's rotation on its axis causes regular changes, including night and day	A change of state between solid and liquid can be caused by adding or removing heat.	Living things can be grouped on the basis of observable features and can be distinguished from non-living things.
---	--	--	---

## Science Key Concepts Scope and Sequence ~ 2020

TERM 1	TERM 2	TERM 3	TERM 4
<b>PHYSICAL SCIENCE</b>	<b>EARTH &amp; SPACE</b>	<b>CHEMICAL SCIENCE</b>	<b>BIOLOGICAL SCIENCE</b>

### Grade Four

Forces can be exerted by one object on another through direct contact or from a distance.	Earth's surface changes over time as a result of natural processes and human activity.	Natural and processed materials have a range of physical properties; these properties can influence their use.	Different living things have different life cycles and depend on each other and the environment to survive.
---	--	--	---

### Grade Five

Light from a source forms shadows and can be absorbed, reflected and refracted.	The Earth is part of a system of planets orbiting around a star (the sun).	Solids, liquids and gases behave in different ways and have different observable properties that help us to classify them.	Living things have structural features and adaptations that help them to survive in their environment.
---	--	--	--

### Grade Six

Electrical circuits provide a means of transferring and transforming electricity; electric circuits enable this energy to be transferred to another place and be transformed into another form of energy.	Sudden geological changes or extreme weather conditions can affect Earth's surface.	Changes to materials can be reversible, including melting, freezing, evaporating; or irreversible, including burning and rusting.	The growth and survival of living things are affected by the physical conditions of their environment.
---	---	---	--