

Awesome Earth National Profile curriculum links for primary students

LEVEL 1 – SCIENCE				
Strand	Organiser	Outcome	Evident when students, for example:	<i>Awesome Earth</i> exhibit
Earth and Beyond	Earth, sky and people	1.1 Lists ways that the local environment influences daily life.	<ul style="list-style-type: none"> Investigate the patterns and movement of clouds and associate them with changes in the weather. Identify types of weather expected at different seasons. 	El Niño and La Niña Hot Air Raise the Roof Tornado Turbulent Orb
	The changing earth	1.2 Distinguishes major features of the physical environment.	<ul style="list-style-type: none"> Identify features of the local landscape such as mountains, rivers, cuttings, the horizon. Find out about landforms and vegetation in other places and compare them with the local landscape. 	At Fault Create and Collapse Landslide Lava Lumps River Run Shifting Sands Tsunami
Energy and Change	Transferring energy	1.5 Describes interactions and sequences of connected events.	<ul style="list-style-type: none"> Recount sequences of connected events. 	Convection Currents Create and Collapse Earthquake House Get the Drift Hot Air Make and Shake Moving Magma Quakemaker Raise the Roof River Run Turbulent Orb Waves and Wobbles
Natural and Processed Materials	Structure and properties	1.11 Identifies properties of materials discernible by the senses.	<ul style="list-style-type: none"> Group materials using words such as shiny, hard, soft, rough, smooth, round. Compare the properties and behaviour of fluids such as water and air. 	Bubble tower Convection Currents Cracking Plate Eruptor Hot Air Landslide Lava Lumps Moving Magma Mud Pool River Run Shifting Sands Tornado Turbulent Orb

	Reactions and change	1.12 Identifies changes in materials using the senses.	<ul style="list-style-type: none"> Describe observable changes that occur as a result of processes such as rusting, dissolving, bleaching, washing, heating. 	Convection Currents Cracking Plate El Niño and La Niña Hot Air Moving Magma Mud Pool Shifting Sands
Working Scientifically	Conducting investigations	1.14 Carries out instructions and procedures involving a small number of steps.	<ul style="list-style-type: none"> Assemble a simple structure, such as a tower, involving a sequence of two or three steps. 	Create and Collapse Eruptor Make and Shake Raise the Roof
	Evaluating findings	1.16 Relates observations and interpretations to other situations.	<ul style="list-style-type: none"> Link classroom experience to everyday life. 	Caged Lightning Shifting Sands Tornado River Run
	Evaluating findings	1.16 Relates observations and interpretations to other situations.	<ul style="list-style-type: none"> Link classroom experience to everyday life. 	Caged Lightning Cyclone Shelter Earthquake House Earthquake Pipe El Niño and La Niña Landslide River Run Tornado Tsunami

LEVEL 1 – STUDIES OF SOCIETY AND ENVIRONMENT				
Natural and Social Systems	Natural systems	1.13 Identifies examples of elements of natural systems.	<ul style="list-style-type: none"> Identify elements of natural systems (people, animals, plants, rocks, soil, water). 	<p>Most exhibits in Awesome Earth</p> <p>Lava Lumps Lava Tube River Run Mud Pool</p>
Natural and Social Systems	Features of places	1.4 Identifies natural and built features of places using direct observation.	<ul style="list-style-type: none"> Identify and describe natural features of places. 	<p>Most exhibits in Awesome Earth</p> <p>At Fault Cracking Plate Create and Collapse Cyclone Shelter Earthquake House Earth Patterns Earthquake Pipe Landslide Lava Tube Raise the Roof River Run Shifting Sands Types of Volcanoes</p>
Place and Space	Investigation	1.16 Gathers and records information from direct and indirect experiences of people and places.	<ul style="list-style-type: none"> Use their observations to make a model of an object, building or place. 	<p>Most exhibits in Awesome Earth</p> <p>At Fault Cracking Plate Create and Collapse Earth Patterns Landslide Make and Shake Mud Pool Quakemaker Raise the Roof Shifting Sands Tornado Tsunami Turbulent Orb Waves and Wobbles</p>

LEVEL 2 – SCIENCE				
Earth and Beyond	Earth, sky and people	2.1 Records ways we monitor and use information about changes to the Earth.	<ul style="list-style-type: none"> Investigate and compare indicators used in weather forecasting by local people. Explain how various instruments are used to predict events such as cyclones, floods and earthquakes. Identify the steps people take to reduce the risks of expected events such as bushfires and droughts. 	Bushfires Cyclone Shelter Earthquake House El Niño and La Niña Epicentre Make and Shake Quakemaker Raise the Roof Richter Rumbler Volcano Tube – Prediction
	The changing Earth	2.2 Describes changes that occur in the local environment.	<ul style="list-style-type: none"> Simulate the formation of a valley or gorge by making a working model. Investigate what their local environment was like 50, 100 and 500 years ago. 	At Fault Create and Collapse Earth Patterns Get the Drift Landslide Mud Pool River Run Shifting Sands Shifting Sands Tsunami Turbulent Orb
Energy and Change	Transferring energy	2.5 Describes properties of light, sound, heating and movement.	<ul style="list-style-type: none"> Investigate ways sound and light travel through and are reflected by materials. 	Convection Currents Get the Drift Hot Air Moving Magma Waves and Wobbles Turbulent Orb
	Energy sources and receivers	2.6 Describes observable changes that occur in two objects that interact, identifying the energy source and receiver.	<ul style="list-style-type: none"> Describe temperature changes in their bodies and the water when they have a hot bath. 	At Fault Convection Currents El Niño and La Niña Hot Air Moving Magma
Natural and Processed Materials	Structure and properties	2.11 Describes the substructure of some common materials.	<ul style="list-style-type: none"> Using a hand lens, draw the visible structure of materials such as sugar, sand, soil. 	Lava Lumps
	Reactions and change	2.12 Distinguishes between changes that cannot be readily reversed and those that can.	<ul style="list-style-type: none"> From their observations describe changes from solid to liquid, liquid to gas and back. 	At Fault Convection Currents

Working Scientifically	Conducting investigations	2.14 Conducts simple tests and describes observations.	<ul style="list-style-type: none"> Conduct a test to answer questions, such as whether a marble or a toy car will roll farther down the slope. 	Eruptor Make and Shake River Run Raise the Roof Tsunami Moving Magma
	Acting responsibly	2.18 Explains ways that applications of science protect people.	<ul style="list-style-type: none"> List applications related to safety. 	Bushfires Cyclone Shelter Make and Shake Earthquake House Volcano Tube - Predictions
LEVEL 2 – STUDIES OF SOCIETY AND ENVIRONMENT				
Place and Space	Features of places	2.4 Uses symbols to describe the location of places relative to each other.	<ul style="list-style-type: none"> Identify the globe as a symbol representing Earth and locate major features such as water bodies on it. 	At Fault El Niño and La Niña Get the Drift Moving Magma Structure of the Earth
LEVEL 3 – SCIENCE				
Earth and Beyond	The changing Earth	3.2 Relates changes in the physical environment to physical processes.	<ul style="list-style-type: none"> Simulate the effects of weathering agents such as wind and flooding on the physical environment. 	Eruptor Get the Drift Landslide River Run Shifting Sands Tsunami
Natural and Processed Materials	Structure and properties	3.11 Makes connections between the structure of common materials and their properties.	<ul style="list-style-type: none"> Investigate how grain size affects the ways materials such as sugar, gravel and powder can be poured and heaped. 	Earth Patterns Landslide Make and Shake Mud Pool Shifting Sands
Working Scientifically	Conducting investigations	3.14 Organises and uses equipment to gather and present information.	<ul style="list-style-type: none"> Use equipment such as rulers, hand lenses and thermometers correctly to gather information for investigations. 	Epicentre Quakemaker Richter Rumbler
	Processing data	3.15 Argues conclusions on the basis of collected information and personal experience.	<ul style="list-style-type: none"> Propose possible conclusions based on their experiences and understanding. 	MOST Most exhibits in Awesome Earth

LEVEL 3 – STUDIES OF SOCIETY AND ENVIRONMENT				
Natural and Social Systems	Natural systems	3.13 Describes an example of a cycle within natural systems and the place of people in it.	<ul style="list-style-type: none"> Draws a simple diagram of the water cycle. 	Convection Currents El Niño and La Niña Get the Drift Moving Magma River Run Turbulent Orb
Time, Continuity and Change	Time and change	3.2 Constructs a sequence from a set of events.	<ul style="list-style-type: none"> Make models to show changes in an environment over a long period. 	At Fault Create and Collapse Earth Patterns Get the Drift Landslide Shifting Sands
Place and Space	Features of places	3.4 Describes places according to their location and natural and built features.	<ul style="list-style-type: none"> Identify major land masses and oceans on the Earth's surface. 	At Fault El Niño and La Niña Get the Drift
	People and places	3.5 Describes how natural features affect the ways people live in particular places.	<ul style="list-style-type: none"> Describe physical features that affect ways of life now and in the future (people living near volcanoes, earthquake zones, low-lying land). 	Cyclone Shelter Earthquake House Eruptor Get the Drift Landslide Make and Shake River Run Volcano Tube – Benefits