

NSW K – 6 Science and Technology Outcomes for Awesome Earth

Content Strands	Early Stage 1	Stage 1	Stage 2	Stage 3	Awesome Earth exhibit
Built Environments	BE ES1.1 Explores and identifies ways in which built environments suit their users.	BE S1.1 Creates, modifies or models built environments to suit the needs of users.	BE S2.1 Creates, models and evaluates built environments reflecting consideration of functional and aesthetic factors.	BES3.1 Creates and evaluates built environments demonstrating consideration of sustainability and aesthetic, cultural, safety and functional issues.	Make and Shake Raise the Roof Create and Collapse Cyclone Shelter
Physical Phenomena	PP ES1.4 Explores and identifies ways some forms of energy are used in their daily lives.	PP S1.4 Identifies and describes different ways some forms of energy are used in the community.	PPS2.4 Identifies various forms and sources of energy and devises systems that use energy.	PPS3.4 Identifies and applies processes involved in manipulating, using and changing the form of energy.	At Fault Convection Currents Create and Collapse
Earth and its Surroundings	ES ES1.6 Explores and identifies ways the environment influences their daily lives.	ES S1.6 Identifies and describes ways in which people and other living things depend upon the Earth and its environments.	ES S2.6 Identifies some of the features of the solar system and describes interactions that affect conditions on Earth.	ES S3.6 Recognises that the Earth is the source of most materials and resources, and describes phenomena and processes, both natural and human, that form that change the Earth over time.	At Fault Convection Currents Earth Patterns Epicentre Eruptor Get the Drift Hot Air Landslide Lava Lumps Shifting Sands
Investigating	INV ES1.7 Investigates their surroundings by observing, questioning, exploring and reporting.	INV S1.7 Conducts guided investigations by observing, questioning, predicting, collecting and recording data and suggesting possible explanations.	INV S2.7 Conducts investigations by observing, questioning, predicting, testing, collecting, recording and analysing data, and drawing conclusions.	INV S3.7 Conducts their own investigations and makes judgements based on the results of observing, questioning, planning predicting, testing, collecting, recording and analysing data, and drawing conclusions.	All exhibits
Designing and Making	DM ES1.8 Generates own ideas and designs through trial and error, play, modelling and making.	DM S1.8 Develops and implements own design ideas in response to an investigation of needs and wants.	DM S2.8 Develops, implements and evaluates ideas using drawings, models and prototypes at appropriate stages of the design process.	DM S3.8 Develops and resolves a design task by planning, implementing, managing and evaluating design processes.	

Using Technology	UT ES1.9 Identifies and uses a limited range of equipment, computer-based technology, materials and other resources when undertaking exploration and production.	UT S1.9 Selects and uses a range of equipment, computer-based technology, materials and other resources to undertake an investigation or design task.	UT S2.9 Selects and uses a range of equipment, computer-based technology, materials and other resources with developing skill to enhance investigation and design tasks.	UT S3.9 Evaluates, selects and uses a range of equipment, computer-based technology, materials and other resources to meet the requirements and constraints of investigating and designing tasks.	
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NSW K-6 Human Society and Its Environment Outcomes

	Early Stage 1	Stage 1	Stage 2	Stage 3	Awesome Earth exhibit
Patterns of Place and Location	ENES1 Gathers information about natural and built environments and communicates some of the ways in which they interact with, and can care for, these environments.	ENS1.5 Compares and contrasts natural and built features in their local area and the ways in which people interact with these features.	ENS2.5 Describes places in the local area and other parts of Australia and explains their significance.	ENS3.5 Demonstrates an understanding of the interconnectedness between Australia and global environments and how individuals and groups can act in an ecologically responsible manner.	Create and Collapse Earthquake House Earthquake Pipe Get the Drift Landslide Lava Lumps Make and Shake Raise the Roof River Run Tsunami
Relationships with Places	ENES1 Gathers information about natural and built environments and communicates some of the ways in which they interact with, and can care for, these environments.	ENS1.6 Demonstrates an understanding of the relationship between environments and people.	ENS2.6 Describes people's interactions with environments and identifies responsible ways of interacting with environments.	ENS3.6 Explains how various beliefs and practices influence the ways in which people interact with, change and value their environment.	Create and Collapse Cyclone Shelter Earthquake House Earthquake Pipe Landslide Lava Lumps Make and Shake Raise the Roof River Run Tsunami