

LEVEL 3 / 4






















Living World					Planet Earth and Beyond							Physical World							Material World				Nature of Science		Science Capabilities					
Adaptations	Fungi	Classification	Kingdoms	Invasive Species	Our Place In Space	Resources	The Water Cycle	Tides	Natural Disasters	Active Earth	Minerals	Earthquakes	Forces	Simple Machines	Energy	Magnetism	Light	Sound	Electrical Circuits	Electricity and energy	Heat	States of Matter	Physical & Chemical Change	Chemical Reactions	Mixtures	Separation Techniques	Introduction to Science	Science News	Engineering Challenges	Science Investigations

NATURE OF SCIENCE


















Understanding about science

Appreciate that science is a way of explaining the world and that science knowledge changes over time.																														
Identify ways in which scientists work together and provide evidence to support their ideas.																														

Investigation in science

Build on prior experiences, working together to share and examine their own and others' knowledge.																																																																																																																										
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Communicating in science

Begin to use a range of scientific symbols, conventions, and vocabulary.																																																																																																																													
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Participating and contributing

Use their growing science knowledge when considering issues of concern to them.																																
Explore various aspects of an issue and make decisions about possible actions.																																

LIVING WORLD

Life processes

[illegible]

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Ecology																															
Evolution																															
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PLANET EARTH AND BEYOND																															
Earth systems																															
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Interacting systems																															
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Astronomial systems																															
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PHYSICAL WORLD																															
Physical inquiry and physics concepts																															



LEVEL 3 / 4

Living World					Planet Earth and Beyond								Physical World								Material World					Nature of Science		Science Capabilities			
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MATERIAL WORLD																															
Properties and changes of matter																															
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Chemistry and society																															
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Living World																Planet Earth and Beyond					Physical World								Material World					Nature of Science		Science Capabilities							
Cells	Plant Cells	Stem Cells	Body Systems	Reproduction	The Nervous System	The Endocrine System	The Immune System	Microbiomes	Food Chains and Food Webs	Invasive Species	Ecosystems	Simple Inheritance	Genetics	Evolution	Human Evolution	Earth Systems	Active Earth	Earthquakes	The Universe	Our Place in Space	Energy Conservation	Kinematics	Newton's Laws of Motion	Magnetism	Light	Sound	Electrical Circuits	Heat	Radiation	Atoms	Elements and Compounds	Acids and Bases	Reactions and Energy	Reaction Types	Metals	The Periodic Table	Introduction to Science	Science News	Engineering Challenges	Science Investigations			
NATURE OF SCIENCE																																											
Understanding about science																																											
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
Investigation in science																																											
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Communicating in science																																											
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Participating and contributing																																											
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LIVING WORLD																																											
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Ecology																																											
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Evolution																																											

Describe the basic processes by which genetic information is passed from one generation to the next.
Explore patterns in the inheritance of genetically controlled characteristics.
Explain the importance of variation within a changing environment.

[illegible]

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