

Science					
		 Living World	 Material World	 Physical World	 Earth and Space
Early Stage 1	YEARLY	☐ Staying Alive STe-1WS-S, STe-3LW-ST Air, food, water, shelter. This unit explores how animals, including humans, use their senses to find what they need to survive.	☐ What's It Made Of? STe-1WS-S, STe-4MW-ST What's the school made of? Explore the observable properties of objects in the school environment. Apply this understanding to design and create an object for the school that can survive outdoors.	☐ On the Move STe-1WS-S, STe-5PW-ST People like to move it, move it. Toys like to move it, move it. How do they move? Which forces make objects move? Explore the factors, including size and shape, that affect how an object moves and look closely at how far objects can roll depending on their shape.	☐ Weather in my World STe-1WS-S, STe-6ES-S Clouds, temperature changes, wind and rain; explore how the weather and temperature influences our daily decisions, culminating in a weather report at the end of the unit.
Stage 1	ODD	☐ Schoolyard Safari ST1-1WS-S, ST1-4LW-S Earthworms, snails, ants. How are they similar and different? Examine the habitats and external features of small animals to see how their basic needs are met.	☐ Spot the Difference ST1-1WS-S, ST1-6MW-S Everyday materials can be changed in a variety of ways, and what's more 'everyday' than food? Explore how heating and cooling creates physical changes to the observable properties of food.	☐ Look! Listen! ST1-1WS-S, ST1-8PW-S Light and sound are all around us. What produces light and sound? Can you feel sound? Does sound travel through things? Do we need light to see? Are two eyes better than one? Let's use our senses to explore light and sound.	☐ Up, down and all around ST1-1WS-S, ST1-10ES-S Look out your window - do you notice a constantly changing world? The Sun rises and sets and the sky reflects many different hues over a day. Students sharpen their observation skills by conducting investigations in the school yard.
	EVEN	☐ Watch it Grow ST1-1WS-S Animals grow, change and have offspring similar to themselves... In this unit, watch a mealworm grow and explore how animals grow and change.	☐ Bend it! Stretch it! ST1-1WS-S, ST1-7MW-T Some things can be bent, some things can be stretched, some things can be folded, some things can be cut... How a material can be changed depends on what it's made of. Explore how everyday materials can be physically changed.	☐ Push-Pull ST1-1WS-S, ST1-9PW-ST Pushing and pulling, and floating and sinking - how are they related? In this unit learn about the forces of push and pull and how they work in water and in the air.	☐ Water Works ST1-1WS-S, ST1-2DP-T, ST1-10ES-S Inquire about the ways we use one of Earth's most precious resources - water. Explore the movement of water throughout the school and across a landscape. Investigate use of water in different occupations, and suggest responsible management of water at school and beyond.
Stage 2	ODD	☐ Feathers, Fur or Leaves ST2-1WS-S, ST2-4LW-S Is it living or not living? Is it a plant or an animal? Explore how we group things together based on their observable features, to help us figure out what everything is!	☐ Melting Moments ST2-1WS-S, ST2-6MW-S Put the ice-blocks in the cupboard and the chocolate in the oven... Wait, what? That doesn't sound right! Let's investigate how adding and removing heat can change something from a solid to a liquid and back again, and never accidentally put your chocolate in the oven again!	☐ Heating Up ST2-1WS-S, ST2-8PW-ST If I hold something cold in my hands, why does it warm up? Where does the heat come from? And when I turn on the heater, where does the heat actually come from? Investigate how heat is produced, which objects make their own heat, and how heat is transferred.	☐ Beneath our Feet ST2-1WS-S We live in a world that is constantly changing. Even things that might be considered immovable such as mountains or rocks are gradually changing. Create miniature landscapes to explore the impacts of natural processes and human activity.
	EVEN	☐ Friends or Foes? ST2-1WS-S Bees need flowers, and flowers need bees... In this unit find out about how flowers rely on animals to germinate and help disperse their seeds and how animals depend on plants for food.	☐ Material World ST2-1WS-S, ST2-7MW-T We are living in a material world, and those materials have a range of physical properties that influence their use. Investigate the properties of things we use everyday and apply understanding to investigate how materials keep things warm.	☐ Smooth Moves T2-1WS-S, ST2-9PW-ST Every single thing on Earth, living and non-living, can be affected by this external influence. It can change the motion, direction and shape of anything, by direct contact and even from afar! It's force of course - pushes and pulls! Explore friction, gravity and compare how different sized forces can affect an object.	☐ Night and Day ST2-1WS-S, ST2-10ES-S What causes night and day? The rising of the Sun and the Moon are daily reminders of the awe and wonder, beauty and power of the universe. Studying the relationships between the Sun, Earth and Moon helps us understand how we experience day and night on Earth.
Stage 3	ODD	☐ Desert Survivors ST3-1WS-S, ST3-4LW-S Some animals are suited to live in the desert and other animals are suited for a forest home... In this unit, explore the structural features and adaptations that help an animal survive in its environment.	☐ What's the Matter? ST3-1WS-S, ST3-7MW-T Solids, liquids, and gases - they are literally everywhere! What are their properties and how do they behave? Explore exactly that in this unit, and take a closer 'look' at air and how temperature can change its properties.	☐ Light Shows ST3-1WS-S, ST2-1WS-S, ST2-8PW-ST Light from a source forms shadows and can be absorbed, reflected and refracted. In this unit, conduct investigations that explore these ideas and discover the amazing behaviour of light for yourself.	☐ Earthquake Explorers ST3-1WS-S, ST3-10ES-S Strong earthquakes can affect millions of lives by causing buildings to collapse, destroying roadways, and affecting basic necessities such as water supply. But did you know that the majority of earthquakes are barely noticed?
	EVEN	☐ Marvellous Microorganisms ST3-1WS-S, ST3-4LW-S Yeast is yummy and mould is medicinal... In this unit take a closer look at how the growth and survival of these tiny organisms are dependent upon the right conditions, and how humans have harnessed them to help.	☐ Change Detectives ST3-1WS-S, ST3-6MW-S What a mess! Someone's left out frozen milk, smeared melted chocolate around, spilt white crystals everywhere and what's that smell? Investigate the elements of the mess scene and find out exactly what's happening!	☐ Essential Energy ST3-1WS-S, ST3-8PW-ST Investigate energy, how it is created and how it is transferred and transformed and foil the evil plans of Professor Pitch Black and her sidekick Short Circuit!	☐ Earth's Place in Space ST3-1WS-S, ST3-10ES-S Humans have always looked with wonder at the movement of celestial bodies in the sky. Investigate movement, size and scale by creating 3D models of the solar system.