

Units	Animals Including Humans: All About Me	Seasonal Changes	Everyday Materials	Exploring Everyday Materials 2	Animals Including Humans: All About Animals	Plants
National Curriculum - ELG	- The Natural World - Explore the natural world around them, making observations and drawing pictures of animals and plants. - Know some similarities and differences between the natural world around them and contrasting environments, drawing on their experiences and what has been read in class. - Understand some important processes and changes in the natural world around them, including the seasons and changing states of matter.			People, Culture and Communities Describe their immediate environment using knowledge from observation, discussion, stories, non-fiction texts and maps.		
Unit Link	Animals Including Humans: All About Me 	Seasonal Changes 	Exploring Everyday Materials 1 	Exploring Everyday Materials 2 	Animals Including Humans: All About Animals 	Plants 
Scientist	Florence Nightingale 	Clare Nasir 	Dr Raquel Prado 	Charles Macintosh 	Steve Backshall 	Alan Titchmarsh 
Area Focus	Biology	Physics	Chemistry	Chemistry	Biology	Biology
Enquiry Approach	 Identifying, Grouping and Classifying  Pattern Seeking  Research	 Identifying, Grouping and Classifying  Observations Over Time 	 Identifying, Grouping and Classifying  Comparative/Fair Testing	 Comparative/Fair Testing  Problem Solving 	 Identifying, Grouping and Classifying	 Observations Over Time  Identifying, Grouping and Classifying

		Pattern Seeking		Identifying, Grouping and Classifying		
Resources	Pencils Felt tips Wallpaper Blindfolds Instruments Bread Honey/jam Marmite Lemon juice Fruits/vegetables Mystery boxes Feely bags Smell pots/containers Various smells	Rain gauges Drawing and colouring resources	Feely bag Fabric Wood Plastic Metal Wooden chair Plastic bottles Rubber bands Tin can Bowls Sponges Paper towels Cloth Tin foil Plastic bags Trays	Hair dryer Adhesives Assortment of materials (house building) Assortment of waterproof materials (roof building) Clear plastic Acetate Card Seasonal clothing	Venn diagrams	Seeds Planting equipment Cups Soil Labels Story: Jack and the beanstalk 2-3 fully grown plants in pots Coloured card Clipboards Magnifying glasses Leaf rubbings paper crayons
Key Concepts	There is a relationship between structure and function.	Knowledge in this unit will later inform understanding of the key concept that: The movement of earth affects the seasons and times of day	There is a relationship between structure and function. Living and non-living things can be grouped in a variety of ways.	There is a relationship between structure and function. Living and non-living things can be grouped in a variety of ways.	There is a relationship between structure and function. Living and non-living things can be grouped in a variety of ways.	There is a relationship between structure and function. Living and non-living things can be grouped in a variety of ways.
Knowledge	Lesson 1: Discover basic parts of the human body I can identify, name, draw and label the basic parts of the human body. Lesson 2: Learn about your eyes and sight I can say which part of the body is associated with eyes and sight. Lesson 3: Learn about your ears and hearing I can say which part of the body is associated with ears and hearing.	Lesson 1: Understand there are four seasons I can talk about the four seasons. Lesson 2: Understand the changes that take place in autumn I can talk about what happens in autumn. Lesson 3: Investigate how you can measure rainfall I can observe and talk about rainy weather.	Lesson 1: Identify and name a variety of everyday materials I can talk about different materials I find around me. Lesson 2: Distinguish between an object and the material it is made from I can talk about what objects are made from. Lesson 3: Describe the properties of everyday materials	Lesson 1: Build a structure strong enough to withstand wind I can explore which materials are strong. Lesson 2: Build a waterproof structure I can explore which materials keep water out. Lesson 3: Understand the properties of glass and its uses I can explore materials that I can see through and materials that I can't.	Lesson 1: Discover animal families I can talk about different types of animals. Lesson 2: Learn about the differences between mammals and birds I can identify a mammal and a bird by what they look like. Lesson 3: Learn about the differences between amphibians, reptiles and fish	Lesson 1: Understand that seeds grow into plants I can talk about how seeds grown into plants. Lesson 2: Identify the basic parts of a plant I can name different parts of a plant. Lesson 3: Identify common wild plants I can name some plants that grow outdoors. Lesson 4: Know the difference between

	Lesson 4: Explore the tongue and taste I can say which part of the body is associated with the tongue and taste. Lesson 5: Explore your sense of touch I can say which part of the body is associated with touch. Lesson 6: Discover how your nose smells. I can say which part of the body is associated with the nose and smell.	Lesson 4: Understand the changes that take place in winter I can talk about what happens in winter. Lesson 5: Understand the changes that take place in spring I can talk about what happens in spring. Lesson 6: Understand the changes that take place in summer I can talk about what happens in summer.	I can describe how different materials feel. Lesson 4: Predict and identify if an object will sink or float I explore which objects float and which objects sink. Lesson 5: Explore which materials are best for different objects I can talk about why different objects are made from different materials.	Lesson 4: Understand that materials are used to create a variety of furniture I can talk about materials used to make everyday objects. Lesson 5: Explain the uses of materials and why they are suitable I can talk about why different objects are made from different materials.	I can talk about how different animals look and live. Lesson 4: Discover the type of food living things eat I can talk about what different animals eat. Lesson 5: Explore the difference between wild animals and pets I can talk about the difference between pets and wild animals.	deciduous and evergreen trees I can talk about how trees look different Lesson 5: Explain how plants change over time I can talk about how plants grow and change.
Skills	Lesson 1:  Recording data, results and findings Lesson 2:  Observing and Measuring Lesson 3:  Recording data, results and findings Lesson 4:  Setting up tests Lesson 5: 	Lesson 1:  Asking questions Lesson 2:  Recording data, results and findings Lesson 3:  Recording data, results and findings Lesson 4:  Recording data, results and findings Lesson 5: 	Lesson 1:  Observing and Measuring Lesson 2:  Recording data, results and findings Lesson 3:  Recording data, results and findings Lesson 4:  Making Predictions. Lesson 5:  Setting up tests	Lesson 1:  Setting up tests Lesson 2:  Setting up tests Lesson 3:  Observing and Measuring Lesson 4:  Observing and Measuring Lesson 5:  Evaluating	Lesson 1:  Recording data, results and findings Lesson 2:  Recording data, results and findings Lesson 3:  Observing and Measuring Lesson 4:  Recording data, results and findings Lesson 5: 	Lesson 1:  Making Predictions. Lesson 2:  Observing and Measuring Lesson 3:  Recording data, results and findings Lesson 4:  Observing and Measuring Lesson 5: 

	Observing and Measuring Lesson 6:  Recording data, results and findings	Recording data, results and findings Lesson 6:  Recording data, results and findings			Recording data, results and findings	Interpreting and Communicating Results
Vocabulary	body eyes ears nose tongue skin sight smell taste touch mouth tongue	season weather autumn winter spring summer rain sun warm cold	material object wood plastic metal fabric hard soft rough smooth sink float	strong weak material object wood plastic metal fabric glass water waterproof see-through	bird mammal fish reptile amphibian feather scale pet wild shelter	tree flower plant grow seed flower root petal leaf stem dandelion daisy buttercup weed growth change
Career Links	Nurse	Weather forecaster	Carpenter	Textile artist	Veterinary nurse	florist
CPD Links						