

Science – Next Steps Programme of Study				
	Working Scientifically	Animals and Humans	Plants	Materials
30 - 50 / 40 - 60+ months	- Identify and classify - Observe closely - Perform simple tests	- Comment and ask questions about the natural world - Talk about things observed; plants, animals, natural and found objects - Talk about why things happen and how - Develop an understanding of growth, decay and changes over time - Look closely at similarities, differences, patterns and change - Show care and concern for living things and the environment		
ELGs 2021		Explore the natural world, making observations and drawing pictures of animals	- Explore the natural world, making observations and drawing pictures of plants - Understand seasonal changes	- Know the properties of some materials - Understand changing states of matter
Year 1 & 2	Working Scientifically			
	- Ask simple questions and recognise that they can be answered in different ways - Observe closely, using simple equipment - Perform simple tests - Identify and classify - Use their observations to suggest answers to questions - Gather and record data to help answer questions			
	Animals, including humans	Plants	Everyday Materials	Seasonal Changes
Year 1	- Identify and name a variety of common animals including fish, amphibians, reptiles, birds and mammals - Identify and name a variety of common animals that are carnivores, herbivores and omnivores	- Identify and name a variety of common wild and garden plants, including deciduous and evergreen trees - Identify and describe the basic structure of a variety of common flowering plants, including trees	- Distinguish between an object and the material from which it is made - Identify and name a variety of everyday materials; wood, plastic, glass, metal, water, rock - Describe the simple physical properties of a variety of everyday materials - Compare and group a variety of everyday materials based on their simple physical properties	- Observe changes across the four seasons - Observe and describe weather associated with the seasons - Observe how length of day varies
	Animals, including humans	Plants	Uses of Everyday Materials	Living Things and their Habitats

Year 2	• Notice that animals, including humans, have offspring which grow into adults • Find out about and describe the basic needs of animals, including humans, for survival; water, food, air • Describe the importance for humans of exercise, eating the right amounts of different types of food, and hygiene	• Observe and describe how seeds and bulbs grow into mature plants • Find out and describe how plants need water, light and a suitable temperature to grow and stay healthy	• Identify and compare the suitability of a variety of everyday materials (wood, metal, plastic, glass, brick, rock, paper, cardboard) for particular uses • Find out how the shapes of solid objects made from some materials can be changed by squashing, bending, twisting and stretching	• Explore and compare differences between things that are living, dead and were never alive • Identify that most living things suited and adapted to their habitats • Describe how different habitats provide for the basic needs of different animals and plants • Identify and name a variety of plants and animals in their habitats, including micro-habitats • Describe how animals obtain food from plants and other animals using a simple food chain • Identify and name different sources of food
	Animals inc. humans			
Year 3	-identify that animals, including humans, need the right types and amount of nutrition, and that they cannot make their own food; they get nutrition from what they eat • identify that humans and some other animals have skeletons and muscles for support, protection and movement			

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