



Pocklington CE Infant School

Science Long Term Plan

White Rose Modules
Living Things - Animals including Humans & Plants
Seasonal Changes
Materials

	Autumn A	Autumn B	Spring A	Spring B	Summer A	Summer B
Nursery	I can name some types of weather, e.g. rainy, sunny, windy, snowy, cloudy and stormy. I can talk about materials. (Collections of the same materials, e.g., shells, leaves) I can talk about what I can see. I can name some animals correctly.		I can talk about some natural features that I see and feel during different seasons, including different weather. I can talk about the clothes that I need for different seasons/ weather and why. I can explore collections of different materials with similar and different properties. I can name some common materials, e.g. sand, wood, glass, brick, clay, fabric etc with adult support. I can use simple language to describe animals.		I can talk about the clothes that I need for different seasons/ weather and why. I can describe what I see, hear and feel whilst outside. I can name some common materials, e.g. sand, wood, glass. I can use language to describe common features of materials, e.g. colour, texture, size. I choose how I can classify objects according to their properties. I am beginning to understand the need to care and respect and care for the natural environment and living things.	
Reception	I can describe how the seasons can affect the natural world and how things grow. e.g. acorns and conkers are found in autumn and some trees have no leaves in winter. I can describe and make comparisons between materials. I can talk about the changes to materials that I notice. I make close observations of plants in the natural world. I make comparisons and identify similarities and differences.		I notice and describe seasonal weather patterns. I can ask and answer ‘how’ and ‘why’ questions. I can name and order the four seasons. I can experiment with making changes to materials. I can ask and answer ‘how’ and ‘why’ questions, such as how things happened and how things work. I can talk about what plants need to survive and grow healthily. I can use the correct basic scientific vocabulary to describe parts of plants.		I understand some important processes and changes in the natural world around, including the seasons and changing states of matter. UTW.TNW.ELG. I can explore the natural world around them, making observations and drawing pictures of animals and plants. UTW. TNW.ELG I 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.UTW. TNW.ELG	
	See the White Rose Yearly Overview for the Reception Modules (Click Here)					
Cycle A (2025/26)	Animals’ Needs for Survival Humans	Materials Plastic	Living things and their Habitats Plants (Light & Dark)	Sustainability Plastics Plants (Light & Dark)	Plants (Bulbs & Seeds) Growing Up	Plants (Bulbs & Seeds) Growing Up Wildlife



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Cycle B (2026/27)	The Human Body Seasonal Changes (Autumn)	Materials Seasonal Changes (Winter)	Planting A Animals	Caring for the Planet Seasonal Changes (Spring) Planting B	Plants Planting C	Growing and Cooking Seasonal Changes (Summer)