



ALL KS1 and KS2 SCIENCE PLANNING TO BE TAKEN FROM AND EYFS SCIENCE PLANNING FROM

White Rose Science schemes of work to be used to support the delivery of the PLAN and NC objectives.

Foundation Stage 1	<i>Understand the need to care and respect the environment.</i> Plants - Plant seeds and care for plants Seasonal Change - Play and explore outside in all seasons and in different weather; understand the effect of changing seasons on the natural world around them. Forces - Explore how to change how things work; explore different forces. Materials Talk about different materials and changes they notice. Explore a range of materials, including natural materials and make with them; compare how materials change over time and in different conditions. Animals, including Humans - Be aware and point out similarities and differences between ourselves, our friends and families; introduce the life cycle of a butterfly, observe and respect minibeasts, introduce adult animals and their offspring.		
Foundation Stage 2 (as FS1 but in addition)	Humans– Naming Body Parts Using our 5 senses Sound - Listen to sounds outside and identify the source; make sounds Light - explore shadows and rainbows	Living things and their habitats - Explore plants and animals in the surrounding natural environment Forces - Explore how the wind can move objects	Animals - Name and describe animals that live in different habitats; describe different habitats (Madagascar) Plants - Grow plants Forces - Explore how objects move in water
Year 1	Plants Steps (WRS1-2, 5-7) Focus on trees and begin observation of tree over time. Seasonal Change Autumn Materials Seasonal Change Winter	Materials – John Dunlop The Human Body Planting A and B Seasonal Change Spring	Plants (WRS 1, 3, 4) Focus on plants and flowers Planting C Growing and Cooking Animals Seasonal Change Summer
Year 2	Plants (light and dark) Humans Growing Up	Materials – Charles McIntosh Plastic Plants (bulbs and seeds)	Living things and their habitats Wildlife
Year 3	Forces – John Macadam Magnets Rocks – Professor Jim Fossils	Skeletons Movement Nutrition and Diet Food and Waste Light	Soils Plants A and B Biodiversity
Year 4	The Digestive System States of matter Data Collection A (plants and animals)	Group and classify living things Habitats Deforestation – Jane Goodall Food chains Data Collection B (plants and animals)	Sound Electricity Sustainable Energy Data Collection C (plants and animals)
Year 5	Properties of materials – Spencer Silver and Arthur Fry Reversible and Irreversible changes Plastic Pollution	Forces Space Global Warming	Animals, including humans Life Cycles Reproduction A Reproduction B
Year 6	Variation Adaptations Fossils Light	Light Pollution Electricity Renewable Energy Living things and their habitat	The Circulatory System – Santorio Santorio Diet, drugs and lifestyle Themed Projects

