Manor Wood Whole School Science Curriculum Overview

EYFS Understanding the World – ELG: The Natural World					
Explore the natural world around them: Describe what they see, hear and feel whilst outside Make observations and draw pictures of animals and plants.		Similarities and differences between the natural world around them and contrasting environments: Recognise some environments that are different from the one in which they live Draw on their experiences and what has been read in class		Important processes and changes in the natural world around them: The effect of the seasons on the natural world around them. Observing and noticing changing states of matter – frozen and melting.	
Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
KS1 WORKING SCIENTIFICALLY		LKS2 WORKING SCIENTIFCALLY		UKS2 WORKING SCIENTIFICALLY	
	Living Things and Their Habitats (suitable habitats/simple food chains)		Living Things and Their Habitats (grouping, simple classifying and changes to habitat)	Living Things and Their Habitats (classifying and reproduction)	Living Things and Their Habitats (classifying including microorganisms)
Plants (names and structure of plants)	Plants (conditions for growing)	Plants (requirements for growth, function of parts and life cycle)			
Animals Including Humans (naming animals and body parts)	Animals Including Humans (health and growth)	Animals Including Humans(skeletons)	Animals Including Humans (health, teeth, eating and digestion)	Animals Including Humans (changes in humans as they grow)	Animals Including Humans (health and circulation)
					Evolution and Inheritance (humans, plants and fossils)
Everyday Materials (materials and their properties)	Uses of Everyday Materials (including physical changes of material e.g., squashing)	Rocks (including fossil formation BIOLOGY)	States of Matter (heating and cooling)	Properties of Materials (Setting up tests to explore how materials change and how this change may be reversible or irreversible)	
Seasonal Changes (including light source)		Light (darkness, reflection and shadows)	Sound (vibrations and volume)	Earth and Space (Sun, Earth and Moon)	Light (light travels in straight lines)
Making a solar system (non-statutory)		Forces and Magnets (friction and magnets)	Electricity (making simple circuits)	Forces (gravity, friction, air resistance, levers, pulleys and gears)	Electricity (make circuits using scientific symbols)

BIOLOGY	CHEMISTRY	PHYSICS