

Science Curriculum

Year one	Everyday materials -Identify and name -Properties -Make comparisons		Animals including humans -Identification and naming of different animal groups. -Parts of the body -Senses		Plants -Identification and naming -Structure	
	Seasonal changes -Observe changes -Weather					
Year two	Everyday materials -Identification and comparison -Changing materials by squashing, bending, twisting and stretching.		Animals including humans -Offspring -Basic needs of humans and animals -The importance of exercise -Food groups -Balanced diet		Living things and their habitats -Identification of habitats and micro habitats -Food chains -Sources of food	
Year three	Rocks and soils -Classification -Comparison -Formation of fossils -Formation of soil		All living things -Nutrition -Skeleton -Muscles	Plants -Identify and describe the functions of parts of a plant -How a plant transports water - Pollination	Forces and magnets -North and south poles -Magnetic materials -Behaviour of magnets	Light -How shadows are formed -How to change shadows -Reflection of light
Year four	States of matter -Solid, liquid, gas -Changing state including evaporation and condensation.	Electricity -Constructing circuits -Conductors and insulators	All living things -Digestion -Teeth -Food chains (producers, predators, prey)	Habitats -Use classification keys -Recognise changes in the environment	Sound -Vibrations -Pitch	
Year five	Earth and space -Magnetism -Pioneers -The orbit of the Moon around the Earth -The orbit of planets around the Sun -Day and night	Forces -Friction -Gravity -Gears/Pulleys	All living things -Describe the changes as humans develop to old age.	Living things and their habitats -Life cycles -Plant and animal reproduction	Reversible and irreversible changes -filtration -distillation	
Year six	Evolution and inheritance -Offspring -Adaptation -Fossils	Living things and their habitats -Classification -food chains -reproduction -DNA	Animals, including humans -Circulatory system and function of the: heart, blood vessels and blood -Diet -Exercise -Drugs -Transport of nutrients and water		Electricity -Compare and give reasons for variations in how components function -Use recognised symbols when representing a circuit in a diagram.	Light -Light travels in straight lines -Reflection of light - How we see.

