

Science Curriculum Overview

EYFS					
Nursery	Plant and Animals FOCUS Humans		Seasonal changes (ongoing)		Plants and Animals
Reception	Plants and Animals FOCUS Humans		Seasonal changes (ongoing)		Plants and Animals
KS1					
A	Animals including humans Animals basic needs	Animals including humans Classification of animals	Materials Classification of everyday materials and their properties and uses of everyday materials	Plants Basic structure of flowering plants and seeds and bulbs, identifying and naming common plants including deciduous and evergreen	Animals – including humans Habitats
B	Animals including humans - Animals basic needs Living things and their habitats – what is a living thing? Explore habitats in local environment	Seasonal changes Measuring changes across the four seasons, associated weather, and day length (ongoing through seasons) This needs writing	Plants – Basic structure of flowering plants and seeds and bulbs, identifying and naming common plants including deciduous and evergreen		Energy unit (introduction to light, sound, electricity and forces)
Lower KS2					
A	Sound – how they are made and changes of sound	Rocks – classification, fossil formation and soils	Light – reflection of light, danger of light and shadow formation	Living things and their habitats – classification, vertebrates and	Forces – magnets

			Living things and their habitats – classification, vertebrates and invertebrates and human impact on environments	invertebrates and human impact on environments Plants – function of parts of a flowering plant, requirements for growth, plus pollination, seed formation and dispersal	
B	States of Matter – solid, liquid and gas, includes Water Cycle	Electricity – simple series circuits, switches and common conductors and insulators	Animals including Humans: – nutrition, skeletons, and muscles – digestive system and teeth, plus food chains		Plants – function of parts of a flowering plant, requirements for growth, plus pollination, seed formation and dispersal
Upper KS2					
A	Light – how we see and formation of shadows	Electricity – using recognised symbols, comparing circuits including the impact of voltage on components	Living things & their habitats - classification using observable characteristics including micro-organisms, plants, and animals	Evolution & inheritance - how living things adapt to their environment and how this may lead to evolution	Animals including Humans: - circulatory system and how to keep the body healthy - humans develop into old age
B	Forces – understanding the impact of forces including gravity and friction	Earth & space - the orbit of the solar system plus day and night	Living things & their habitats - classification using observable characteristics including micro-organisms, plants, and animals	Properties & changes of materials –reversible and irreversible changes	Animals including Humans: - circulatory system and how to keep the body healthy - humans develop into old age