

## Science Overview

### EYFS

Nursery	Seasonal Changes (ongoing)	Everyday Materials	Plants & Animals Including Humans
Reception	Seasonal Changes (ongoing)	Everyday Materials	Plants & Animals Including Humans

A	Materials – Classification of everyday materials	Energy Light	Energy Forces and Sound	Plants – Basic structure of flowering plants	Animals including Humans – Classification of Animals	Living things and their habitats – What is a living thing? Explore habitats in local environment
B	Energy unit Electricity	Seasonal Change (Sessions 1-4)	Materials Uses of Materials	Seasonal Change	Animals including Humans – Animals Basic Needs	Plants Seeds and bulbs

### Lower KS2

	Autumn term		Spring Term	Summer Term	
A	Rocks – classification, fossil formation and soils	Light – reflection of light, danger of light and shadow formation	Sound – how they are made and changes of sound	Animals including Humans – nutrition, skeletons, and muscles	Living things and their habitats – classification, vertebrates and invertebrates and human impact on environments

B	Electricity - simple series circuits, switches and common conductors and insulators	Retrieve Seasonal Change Day and night	Forces – magnets	States of Matter – solid, liquid and gas, includes Water Cycle	Animals including Humans – digestive system and teeth, plus food chains	Plants – function of parts of a flowering plant, requirements for growth, plus pollination, seed formation and dispersal
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## Upper KS2

	Autumn		Spring	Summer	
A	Properties & changes of materials –reversible and irreversible changes	Light – how we see and formation of shadows	Forces – understanding the impact of forces including gravity and friction	Animals including Humans - humans develop into old age (revisit sound and how hearing deteriorates)	Evolution & inheritance - how living things adapt to their environment and how this may lead to evolution
B	Electricity – using recognised symbols, comparing circuits including the impact of voltage on components	Earth & space	Living things & their habitats – life cycles	Animals including Humans – circulatory system and how to keep the body healthy	Living things & their habitats - classification using observable characteristics including micro-organisms, plants, and animals