

# BCS Curriculum Overview for Science

## Under review as of January 2025



		Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
EYFS	Reception Understanding the World	Ourselves/Bodies.	Seasons and Weather.	Space Light and dark. Mechanisms incl levers magnets etc.	Life cycles Plants.	Habitats (Africa and England). Materials. Climate.	Forces (Floating and Sinking).
Key Stage 1	Year 1	Animals including humans (The body, senses and healthy eating)	Seasonal changes (Light and Dark, Day and Night)	Materials (Identifying, naming and properties)	Animals including humans (Animal groups)	Plants (Trees and parts of flowering plants).	Recap of topics using a narrative
	Year 2	Animals including humans (Offspring, basic needs including exercise and hygiene)	Living things and their habitats (Living, dead, never alive, habitat identification and food chains)	Uses of everyday materials (Properties, changing shape)	Plants (Seeds and Bulbs, Plant needs)	Recap of topics using a narrative	Scientists and inventors
Lower Key Stage 2	Year 3	Animals including humans (Nutrition, skeletons and muscles)	Forces and Magnets (push, pull, magnetism, friction and gravity)	Rocks (Groupings, fossils, rocks)	Plants (Flowering plants, transportation, role of plant parts).	Plants (Flowering plants, transportation, role of plant parts) inc RHS Bridgewater trip	Light (Light and Shadows, reflection, eye safety)
	Year 4	Animals including humans (Digestion and Teeth).	States of matters (Solids, Liquids and Gases)	Sound (Vibrations, pitch and volume)	Electricity (Staying safe, sources, symbols and in the home)	Living things and their habitats (Classification)	Living things and their habitats (Conservation)
Upper Key Stage 2	Year 5	Our solar system (planets and spherical bodies, day/night, orbits)	Forces (gravity, resistance and mechanisms).	Changing materials (properties, change of state, Solid Liquid and Gas).	Living things and Life Cycles	Animals including Humans (life cycles, reproduction and life changes).	Animals including humans completed and notable Scientists
	Year 6	Animals including humans Healthy Bodies (1)	Animals including humans Healthy Bodies (2)	Living things/ Habitats	Evolution & inheritance (Fossils, Adaptation and Evolution)	Light (Colour, Shadows and Sight)	Electricity (Brightness, volume, circuit diagrams)