

The Gates Curriculum Overview

Science

Cycle A+B						
Year	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
EYFS	Seasonal Changes (Autumn changes – colours, patterns, light)		Animals, inc humans (Life cycles, labelling features)		Plants (observing plants, naming plants, labelling plants) Seasonal Changes	
Cycle A 2022-2023						
	Autumn 1		Spring 1		Summer 1	
KS1	Living things and their habitats (well suited, food sources/chain) Animals, inc humans (offspring, needs, exercise, healthy)		Use of everyday materials (suitability, changing shapes)		Plants (naming, describing, structure)	
LKS2	Living things and their habitats (grouping, classification keys, changes to environments) Animals inc humans (nutrition, skeletons, muscles)		States of matter (solids, liquids, gases, heating, cooling, evaporation, condensation)		Plants (functions of different parts, needs, pollination, seed dispersal) Animals inc humans (digestive system, teeth, food chains)	
UKS2	Living things and their habitats (life cycles, reproduction in plants & animals) Evolution and inheritance (changes over time – fossils, offspring, adaptation)		Living things and their habitats (classification)		Animals inc humans (changes in humans to old age) Animals inc humans (circulatory system, diet, exercise, lifestyle, nutrients)	

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Cycle B 2023-2024

	Autumn 1	Spring 1	Summer 1
KS1	Animals, inc humans (variety, diet, senses)	Everyday Materials (variety, describing, grouping) Seasonal Changes (4 seasons, weather, say length)	Plants (seeds, bulbs, germination, needs)
LKS2	Animals inc humans (nutrition, skeletons, muscles) Rocks (appearance and properties, fossils, soils)	Light (reflection, sun safety, shadows)	Electricity (common appliances, simple circuit, switch, conductors/insulators) Sound (vibration, pitch, volume, distance)
UKS2	Light (straight lines, explain shadows) Earth and Space (movement relative to the sun, moon, rotation)	Properties of materials (solubility, conductivity, separation, changes)	Electricity (voltage/cells, comparisons, circuit diagrams) Forces (gravity, air resistance, friction, levers, pulleys etc)