

KS3 Curriculum Science

Aligned curriculum for Year 7 and Year 8 from September 2025

Year 7. Concepts are taught in blocks of 3 across each term. Assessments are placed after each topic.

	Learning Cycle	1	2	3		4	5	6		7	8	9
Year 7	Concept	Concept: Structure and Function of Living Things	Concept: Matter	Concept: Energy		Concept: Structure and Function of Living Things	Concept: Matter Concept: Chemical Reactions	Concept: Motion and Forces		Concept: Interactions and Interdependencies	Concept: Matter	Concepts: Waves
	Topic	Cells and Systems	Particle Model	Energy		Reproduction	The periodic table	Forces		Ecosystems and adaptations	Elements, atoms and separating techniques	Light, sound and the EM spectrum

Year 8

Concepts are taught in blocks of three across the three terms. Assessments are placed after each topic.

Year 8	Concept	Concept: Structure and Function of Living Things	Concept: Chemical Reactions	Concepts: Electricity and Magnetism		Concept: Materials and Energy	Concept: Chemical Reactions	Concepts: Space		Concept: Structure and Function of Living Things	Concept: Earth and Atmosphere	Concepts: Motion and Forces
	Topic	Nutrition and Diet	Fundamentals of Reactions	Magnets Energy (for the current Y8 cohort only)		Biological Processes (plants and respiration)	Metals and materials (covered in Y7 for the current Y8 cohort)	Space		Health and Lifestyle	The Earth	Hidden Forces