

Top-Level Overview for Key Stage 3 Curriculum: Science

1. Endpoint for the end of Key Stage 3:

- Students develop scientific knowledge and conceptual understanding through the specific disciplines of biology, chemistry and physics.
- Students develop understanding of the nature, processes and methods of science through different types of science enquiries that help them to answer scientific questions about the world around them.
- Students are equipped with the scientific knowledge required to understand the uses and implications of science, today and for the future.

2. Topic Overview

Year Group	Autumn Term	Spring Term	Summer Term
	Topics:	Topics:	Topics:
7	1. Working Scientifically: Introduction to Science 2. Biology: Cells 3. Chemistry: The Particle Model	1. Biology: Reproduction 2. Chemistry: Separating Mixtures 3. Physics: Forces and Energy	1. Biology: Feeding Relationships and Classification 2. Chemistry: Chemical Reactions 3. Physics: Electricity
8	1. Biology: Food and Digestion 2. Chemistry: The Periodic Table 3. Physics: Wave	1. Biology: Respiration and Gas Exchange 2. Chemistry: Acids and Alkalis 1. Physics: Heating and Cooling	1. Biology: Photosynthesis 2. Chemistry: Reactions of Metals 3. Physics: Space
9	1. Biology: Health and Disease 2. Chemistry: Earth and Atmosphere 3. Physics: Motion and Pressure	1. Biology: Genetics 2. Chemistry: Materials 3. Physics: Electricity and Magnetism	1. Key concepts in Biology 2. Key concepts in Chemistry 3. Key concepts in Physics