

Curriculum Plans –Key Stage 2 Year 4 Science

Please find below a detailed outline of the curriculum covered in Science through Year 4 in Upper Primary.

Year 4

	Term 1.1	Term 1.2	Term 2.1	Term 2.2	Term 3.1	Term 3.2
Topics	Living Things	Energy	Materials	Earth and Its Habitats	Light	Electricity
	1.1 Bones and Skeletons 1.2 Why we need a skeleton 1.3 Skeletons and Movement 1.4 Different kinds of skeletons 1.5 Medicines and Infectious Diseases	2.1 Energy around us 2.2 Energy Transfers 2.3 Energy Changes 2.4 Energy and Living Things	3.1 Materials, Substances and Particles 3.2 How do Solids and Liquids behave? 3.3 Melting and Solidifying 3.4 Chemical Reactions	4.1 The Structure of the Earth 4.2 Volcanoes 4.3 Earthquakes 4.4 Different Habitats	5.1 How we see things 5.2 Light travels in straight lines 5.3 Light reflects off different surfaces 5.4 Light in the solar system 5.5 Day and Night 5.6 Investigating shadow lengths	6.1 Which materials conduct electricity 6.2 Does water conduct electricity? 6.3 Using conductors and insulators in electrical appliances 6.4 Switches 6.5 Changing the number of components in a circuit
Assessment	Cambridge progression check	Cambridge progression check	Cambridge progression check	Cambridge progression check	Cambridge progression check	Cambridge progression check

Support Materials	Cambridge Primary Science Year 4, Collins Primary Science 4, stemlearning.co.uk , Hamilton Trust, Education City, Mac Millian Max Science.
Extension (Stretch/Challenge)	Cambridge stretch and challenge, STEAM activities, teacher questioning, open-ended learning opportunities, and Home Learning assignments.