

Year 7 Curriculum Plan 2024 - 2025

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
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Topics	Cells and Organisms				Particles				Forces		Electricity	
Autumn	Cells and Their observation,	Specialised cells	Levels of Organisation	Movement of Substances and Unicellular organisms	The partical model, states of Matter	Changes of state	Diffusion, Gas Pressure	Purity	What are forces, contact and non-contact.	Balanced forces, resultant forces	Electrostatics, current, Potential difference	Series and parallel circuits, Resistance

Topics	Reactions				Ecosystems				Energy			
Spring	Physical and Chemical reactions	Acids and Alkalis	Neutralisation and Making salts	Elements and Compounds	Food Chains and Food Webs, Interdependence	Ecosystems and Habitats	Competition	Flowers, Pollinations and Seed dispersal	Food and Fuels	Energy resources	Conservation and dissipation	Energy and Power

Topics	The Earth				Waves				Genes			
Summer	Structure of the Earth and the Rock Cycle	The Night Sky	The solar system	The Sun, the Moon and changing ideas	Waves features	Sound Waves and Hearing	Light waves	Reflection and refraction	Variation	Continuous and discontinuous variation	Adaptation	Adolescence, reproduction

RD HOMESCHOOL