

Year 8 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	Organisms				Matter				Forces		Electromagnets	
Autumn	Gas exchange, Breathing	Drugs, Alcohol, Smoking and Health effects	Nutrients and Food tests	Digestion and Diet	Elements, Atoms, Compounds and Formulae	The Periodic Table	Group 1 & Group 7	Group 0, Transition metals	Frictions and Drag, Squashing and Stretching	Pressure and Stress	Magnetic fields	Electromagnets

Topics	Reactions				Ecosystems				Energy			
Spring	Combustion and Thermal decomposition	Conservation of Mass	Endothermic and Exothermic reactions	Bond Energies	It's all about the plants	Photosynthesis	Leaves and Minerals	Biotechnology	Work	Power	Energy and Temperature	Heating and cooling

Topics	The Earth				Waves				Genes			
Summer	Global warming	The Carbon Cycle	Climate change	Metal extraction	Frequency and amplitude	Sound - Microphones and Loud speakers	Electromagnetic waves	Transverse and Longitudinal waves	Natural Selection	Charles Darwin	Extinctions	Preserving Biodiversity

RD HOMESCHOOL