

Hewett Academy Curriculum Summary 2020-2021 - Science

	Autumn I	Autumn II	Spring I	Spring II	Summer I	Summer II
Year 7	Biology: Classification, MRS GREN Cells Chemistry: Substances and Particles & The Atom Physics: Forces	Biology: Classification MRS GREN Cells Chemistry: Periodic Table Physics: Force and Motion	Biology: Biodiversity and ecology Chemistry: Isotopes & electronic structure Physics: Newton's Laws	Biology: Biodiversity & ecology Chemistry: Particles Physics: Speed & Distance - time graphs	Biology: Humans & Health Chemistry: Physical Properties Physics: Hooke's Law	Biology: Humans & Health Chemistry: Chemical Formula Physics: Pressure
Year 8	Biology: Cells and variation Chemistry: Physical Properties Physics: Hooke's law	Biology: Cells and variation Chemistry: Chemical Formula Physics: Pressure	Biology: Humans and health Chemistry: Reactions Physics: Energy	Biology: Humans and health Chemistry: Reactions Physics: Energy	Biology: Organisation Chemistry: Reactions Physics: Waves	Biology: Organisation Chemistry: Separating mixtures Physics: Waves
Year 9	Biology: Cells & Variation Chemistry: Reactions Physics: Electricity & Magnetism	Biology: Cells & Variation Chemistry: Reactions Physics: Electricity and Magnetism	Biology: Key Concepts of Biology Chemistry: Key concepts of Chemistry Physics: Key concepts of Physics	Biology: Cell Biology 1 Req'd Prac 1 Chemistry: Atomic Structure Physics: Motion	Biology: Cell Biology 2 Req'd Prac 2 Chemistry: Periodic Table Physics: Force and Motion Req'd Prac 18, 19	Biology: Working scientifically Chemistry: Separating Mixtures Physics: Energy 1 Req'd Prac 14

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Year 10	Biology: Organisation Req'd Prac 3,4 Chemistry: Separating Mixtures Physics: Force and Motion Req'd Prac 18,19	Biology: Bioenergetics Req'd Prac 5 Chemistry: Bonding, structure and the properties of matter Physics: Energy 1 Req'd Prac 14	Biology: Non - communicable diseases Chemistry: Chemical Changes Req'd Prac 8 Physics: Energy 2	Biology: Inheritance Chemistry: Chemical Changes Req'd Prac 9 Physics: Electricity 1 Req'd Prac 15,16	Biology: Variation and Evolution Chemistry: Energy Changes Req'd Prac 10 Physics: Electricity 2	Biology: Infection and Response Chemistry: Quantitative Chemistry Physics: Particle Model of Matter Req'd Prac 17
Year 11	Biology: Infection and Response Chemistry: Organic Chemistry Physics: Particle Models of Matter Req'd Prac 17	Biology: Ecology Req'd Prac 7 Chemistry: Using Resources Req'd Prac 13 Physics: Atomic Structure	Biology: Homeostasis and Response Req'd Prac 6 Chemistry: Quantitative Chemistry Physics: Waves 1 Mechanical waves and Waves 2 Electromagnetic waves	Biology: Chemistry of the Atmosphere Chemistry: Chemical Analysis Req'd Prac 12 Physics: Magnetism and Electromagnetism	Biology Revision Biology 3 Chemistry Revision Chemistry 1 Physics Revision Physics 1	