



Sciences Curriculum by Academic Year

Year Group	Subject	Autumn Term	Spring Term	Summer Term
Y7	Biology	7B1 Cells	7B2 Variation & Reproduction	7B3 Adaptation
	<i>Home Learning:</i>	<i>7B1 Quiz</i>	<i>7B2 Quiz</i>	<i>7B3 Quiz</i>
	Chemistry	7C1 Particles	7C2 Acids & Alkalis	7C3 Chemical Reactions
	<i>Home Learning:</i>	<i>7C1 Quiz</i>	<i>7C2 Quiz</i>	<i>7C3 Quiz</i>
	Physics	7P1 Energy	7P2 Electricity	7P3 Forces & Space
	<i>Home Learning:</i>	<i>7P1 Quiz</i>	<i>7P2 Quiz</i>	<i>7P3 Quiz</i>
Y8	Biology	8B1 Food & Digestion	8B2 Fit & Healthy	8B3 Microbes & Disease
	<i>Home Learning:</i>	<i>8B1 Quiz</i>	<i>8B2 Quiz</i>	<i>8B3 Quiz</i>
	Chemistry	8C1 Atoms & Elements	8C2 Compounds & Mixtures	8C3 Rate
	<i>Home Learning:</i>	<i>8C1 Quiz</i>	<i>8C2 Quiz</i>	<i>8C3 Quiz</i>
	Physics	8P1 Heat Transfer	8P2 Waves & Light	8P3 Magnetism & Sound
	<i>Home Learning:</i>	<i>8P1 Quiz</i>	<i>8P2 Quiz</i>	<i>8P3 Quiz</i>
Y9	Biology	9B1 Inheritance	9B2 Respiration	9B3 Plants
	<i>Home Learning:</i>	<i>9B1 Quiz</i>	<i>9B2 HL Booklet</i>	<i>9B3 HL Booklet</i>
	Chemistry	9C1 Reactivity of Metals	9C2 Chemical Reactions	9C3 Resources & Pollution
	<i>Home Learning:</i>	<i>9C1 HL Booklet</i>	<i>9C2 HL Booklet</i>	<i>9C3 HL Quiz</i>
	Physics	9P1 Electricity	9P2 Hooke's Law	9P3 Motion
	<i>Home Learning:</i>	<i>9P1 HL Booklet</i>	<i>9P2 HL Booklet</i>	<i>9P3 HL Quiz</i>
Y10	Biology	B1 Cell Biology B4.2 Respiration	B2 Organisation B3 Infection & Response	B4.1 Photosynthesis B7 Ecology
	<i>Home Learning:</i>	<i>~3 HL booklets per subject rotation</i>		





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	Chemistry	C1 Atomic Structure C5 Energy Changes	C2 Structure & Bonding C3 Quantitative Chemistry C4 Reactions of Acids	C4 Chemical Changes C7 Organic Chemistry C9 Chemistry of the Atmosphere
	Home Learning:	<i>~3 HL booklets per subject rotation</i>		
	Physics	P1 Energy P3 Particle Model	P2 Electricity P4 Atomic Structure	P5 Forces
	Home Learning:	<i>~3 HL booklets per subject rotation</i>		
Y11	Biology	B4.1 Photosynthesis B7 Ecology	B5 Homeostasis & Response B6 Inheritance & Evolution	Revision & Exams
	Home Learning:	<i>~3 HL booklets per subject rotation</i>		
	Chemistry	C4 Chemical Changes C7 Organic Chemistry C9 Chemistry of the Atmosphere	C6 Rate of Reaction C8 Chemical Analysis C10 Using Resources	Revision & Exams
	Home Learning:	<i>~3 HL booklets per subject rotation</i>		
	Physics	P5 Forces	P6 Waves P7 Magnetism	Revision & Exams
	Home Learning:	<i>~3 HL booklets per subject rotation</i>		

Y12	Biology	1. Lifestyle, Health & Risk 2. Genes & Health	3. Voice of the Genome 4. Biodiversity	Statistical Tests, Revision & Starting Y13 Content
	Home Learning:	<i>~ 4 HL booklets per topic</i>		
	Chemistry	Atomic Structure, Amount of Substance, Bonding & Organic Chemistry	Energetics, Rate, Equilibrium, Redox, Group 2 and 7	Halogenoalkanes, Alkenes, Alcohols, Transition Metals
	Home Learning:	<i>14 HL booklets across the year</i>		
	Physics	Particles, Radiation & Electricity	Mechanics, Materials, Waves & Optics	Further Mechanics & Thermal Physics
Home Learning:	<i>~ 4 HL booklets per topic</i>			
Y13	Biology	5. On the Wild Side 6. Immunity, Infection & Forensics	7. Run for your Life 8. Grey Matter	Revision & Exams



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	Home Learning:	<i>4 HL booklets per topic</i>		
	Chemistry	Transition Metals, Carbonyls, Benzene, Polymers, Biochemistry & Thermodynamics	Organic Synthesis, NMR, Rate, Acids & Bases, K_p and Electrode Potentials	Revision & Exams
	Home Learning:	<i>16 HL Booklets across the year</i>		
	Physics	Further Mechanics & Thermal Physics	Fields, Nuclear Physics & Turning Points	Revision & Exams
	Home Learning:	<i>~ 4 HL booklets per topic</i>		

