



Science Curriculum Long Term Plan 2022-23

	Subject	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 7	Science	Introduction to Y7 science and WS C1 Particles and their behaviour	B1 Cells P1 Forces	B1 Structure and function of body systems C1 Elements, atoms, and compounds	P1 Sound B1 Reproduction	C1 Reactions P1 Light	C1 Acids and alkali's P1 Space End of Year 7 Assessment
Year 8	Science	Acids and alkalis Introduction to Y8 science B2 Health and lifestyle	C2 The Periodic table P2 Electricity and magnetism	B2 Biological processes C2 Separation techniques	P2 Energy B2 Ecosystems and adaptations	C2 Metals and other materials P2 Motion and pressure	B2 Inheritance C2 The Earth End of Year 8 Assessment

Year 9	Science	B2 Ecosystems and adaptations B2 Inheritance WS3	B3 Cells C3 Particle model and state P3 Forces and motion	B3 Cells systems C3 Atoms and the Periodic table	P3 Energy B3 Implantation and fertilisation	C3 Chemical changes P3 Waves, sound and light	B3 Variation and natural selection C3 Useful chemical reactions P3 Electricity and magnetism
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Year 10	Subject	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
	Science (Trilogy) GCSE AQA 8464	Biology Infections and response Bioenergetics	Chemistry Quantitative chemistry Chemical changes Energy changes	Physics Electricity Atomic structure	Biology Homeostasis Inheritance, variation, and evolution	Pre-public exams (P.P.E.) Chemistry Rate and extent of chemical change Organic chemistry	Physics Forces
	GCSE Biology AQA - 8461	Infections and response	Bioenergetics	Homeostasis	Homeostasis	Pre-public exams (P.P.E.) Inheritance, variation, and evolution	Inheritance, variation, and evolution
	GCSE Chemistry AQA - 8462	Quantitative chemistry	Chemical changes	Energy changes	Rate and extent of chemical change	Pre-public exams (P.P.E.) Organic chemistry	Chemical analysis
	GCSE Physics AQA - 8463	Electricity	Electricity	Atomic structure	Forces	Pre-public exams (P.P.E.) Forces	Forces

Year 11	Subject	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
	Science (Trilogy) GCSE - AQA	Biology Ecology Pre-public exams (PPE)	Pre-public exams (PPE) Chemistry Chemical analysis Chemistry of the atmosphere Using resources	Physics Waves Electromagnets	Revision	External exams	External exams
	GCSE Biology AQA - 8461	Ecology Pre-public exams (PPE)	Revision	Revision	Revision	External exams	External exams
	Science GCSE Chemistry AQA - 8462	Chemistry of the atmosphere Pre-public exams (PPE)	Using resources Pre-public exams (PPE)	Revision	Revision	External exams	External exams
	Science GCSE Physics AQA - 8463	Waves Pre-public exams (PPE)	Electromagnetism Pre-public exams (PPE)	Space	Revision	External exams	External exams