



Science curriculum overview 2022-23

Key Stage 3 Units/Topics – Year 7 (Green) and Year 8 (Blue) 6 lessons per fortnight)

Key Stage 4 Units/Topics– Year 10 (Orange) and Year 11 (Yellow)

	To Xmas (39 lessons)	To Easter (39 lessons)	To Summer (39 lessons)
Yr 7 6/ftnt	Matter (C) Organisms (B) Forces (P)	Electromagnets (P) Ecosystems (B) Reactions (C)	Genes (B) Energy(P) Waves (P)
Yr 8 6/ftnt	Forces (P) Organisms (B) Matter (C)	Ecosystems (B) Electromagnets (P) Reactions (C) Energy (P)	Y7 Earth (C) Y8 Earth (C) Genes (B) Waves (P)
Yr 9 6/fortnight	3/fortnight B1 Cell Biology 3/fortnight C1 Atomic structure and periodic table	B3 Infection and response P3 Particle model of Matter and start C2 Bonding, structure and properties of matter	P4 Atomic Structure and Radioactivity C2 Bonding, structure and properties of matter (continued) and C5 Energy changes

	Half Term 1	Half Term 2	Half Term 3	Half Term 4	Half Term 5	Half Term 6
Yr 10 10/ ftnt	6/fortnight B2 (19) Organisation 2/fortnight P1 (18) Energy	C3 (14) Quantitative chemistry P2 (18) Electricity	C4 (18) Chemical changes B4 (14) Bioenergetics	C5 Energy (10) Changes start P5 Forces (20)	B7 (17) Ecology P5 Forces cont and P6 (4) Waves L1-4	C9 (9) Chemistry of the atmosphere C6 (11) Rate and extent of chemical change
Yr 11 10/ ftnt	6/fortnight P6 (up to 22) Waves 2/fortnight B5 (10 or 17) Homeostasis and response	P6 to finish.. C7 (10-13) Organic chemistry B6 (16) Inheritance, variation and evolution	P7 (8-14) Electromagnetism B6 to finish C8 (11) Chemical Analysis	P8 Space (TRIPLE ONLY) C8 to finish..	Revision and GCSES (start 15th May)	Revision and GCSES (provisional end date 23rd June)



Subject curriculum overview – Key Stage 3 and 4

