Subject curriculum overview – Key Stage 3 and 4 ((For information on more detailed UOL or curriculum maps please email Mr McGuinness-Brown)

Science curriculum overview

Key Stage 3 Units/Topics – Year 7 (Green) and Year 8 (Blue)

	Half Term 1	Half Term 2	Half Term 3	Half Term 4	Half Term 5	Half Term 6
Yr 7	Matter (C) Energy (P)	Organisms (B) Earth (C)	Electromagnets (P) Reactions (C)	Forces (P) Ecosystems (B)	Genes (B)	Waves (P)
Yr 8	Earth (C) Organisms (B)	Energy (P) Matter (C)	Forces (P) Ecosystems (B)	Electromagnets (P) Reactions (C)	Waves (P)	Genes (B)

Key Stage 4 Units/Topics– Year 9 (Red) and Year 10 (Orange) and Year 11 (Yellow)

	Half Term 1	Half Term 2	Half Term 3	Half Term 4	Half Term 5	Half Term 6
Yr 9	B1 Cell Biology C1 Atomic structure and periodic table	P3 Particle model of matter C1 Atomic structure and periodic table (continued)	B3 Infection and response C2 Bonding, structure and properties of matter	P4 Atomic structure and radioactivity C2 Bonding, structure and properties of matter (continued)	B2 organisation C5 Energy changes	B2 organisation (continued) P1 Energy
Yr 10	B4 Bioenergetics C4 Chemical changes	P2 Electricity C3 Quantitative chemistry	C6 Rate and extent of chemical change B7 Ecology	C9 Chemistry of the atmosphere B7 Ecology (continued)	B6 Inheritance, variation and evolution P5 Forces (continued)	B6 Inheritance, variation and evolution (continued) P5 Forces (continued)
Yr 11	B5 Homeostasis C10 Using resources C8 Chemical analysis	B5 Homeostasis (continued) P6 Waves	P7 Magnetism and electromagnetism C7 Organic chemistry P8 Space (TRIPLE ONLY)	Revision	Revision	Revision