

Science		Autumn 1	NC ref	Autumn 2	NC ref	Spring 1	NC ref	Spring 2	NC ref	Summer 1	NCref	Summer 2	NC ref	
Year 7		Science/Data Skills Motion and forces	KS3 -Describing motion KS3 - Forces KS3 - Forces and Motion	Atoms, Elements and Compounds Cells and Organisation Food and Nutrition	KS3- Nutrition and digestion KS3 - Particulate nature of matter. KS3-Atoms, elements, compounds KS3 - Cells and organisation	The Periodic Table Reproduction Energy	KS3-Reproduction KS3-Periodic table KS3-Energy KS3-Energy changes and transfers	Chemical Reactions Reproduction	KS3-Pure and impure substances KS3-Chemical reactions KS3-Energetics KS3 - Reproduction	Electricity Ecosystems Separation Techniques	KS3-Relationships in an ecosystem KS3-Electricity KS3-Energetics	Matter Space Bones	KS3-Skeletal and muscular systems KS4 - Space physics	
	Year 8	Material Cycles and Energy Atoms, Elements, Compounds	KS3-Cells and organisation KS3-Photosynthesis KS3-Health KS3-Atoms,elements	Energy changes and transfer Cellular respiration and Gas exchange Materials	KS3-Gas exchange systems KS3-Respiration	Materials Light	KS3-Materials KS3-observed waves KS3-light waves KS3-Energy and waves	Electricity Revision Genetics and Evolution	KS3-DNA and genes KS3-Electricity	Genetics and Evolution Materials	KS3-Inheritance, Chromosomes, DNA, genes	Chemical Reactions Sound Pressure	KS3-Matter	
Year 9	Combined	Biology	Key Concepts Biology	KS3-Nutrition and digestion KS3-Cells and organisation KS4 - WS,4C,4D,4E KS4 - Cell Biology	Cells and Control Genetics (Catchup)	KS3-Cells and organisation KS4 - WS 1B KS4 - Cell biology KS4 - Evolution, inheritance and variation	Genetics Natural Selection	KS4 - WS 1B,1C,1D,1E KS4 - evolution, inheritance and variation	Human Evolution Health and Disease	KS4- WS 1E,2A,1F KS4 - Evolution, inheritance and variation KS4 - Health, disease and development of medicines	Health and Disease	Reproduction KS4 - Ws 1E,1F,2A	Revision, Review and Revisit	
		Chemistry	Key Concepts Chemistry	KS4 - WS,4C,4D,4E, 1A, 1B KS4 -Atomic structure and Periodic table KS4 - Structure,bonding and properties of matter	Key Concepts Chemistry State of Matter and Mixtures Separation Techniques (Catchup)	KS4 - Chemical Changes KS4 - Earth and atmospheric science KS4 Chemical analysis	Chemical Change	KS4 - Rate and extent of chemical change	Chemical Change Extracting Metals and Equilibria	KS4 - Chemical Change KS4 chemical and allied industries	Extracting Metals and Equilibria	KS4 - Ws 1E,1F,2A KS4 - Atomic structure and periodic table KS4 - Energy changes in Chemistry	Revision, Review and Revisit	
		Physics	Key Concepts Motion and Forces	KS3-Forces and motion KS4 - Energy KS4 - Forces and Motion KS4 - Forces	Conservation of Energy Energy (Catchup)	KS4 - Energy KS4 - Forces	Waves Light and the EM Spectrum	KS4 - Wave motion	Radioactivity	Radioactivity	KS4 - Atomic structure	Radioactivity	KS4 - Atomic structure	Revision, Review and Revisit
Year 10	Combined	Biology	Health and Disease (Catchup) Plant Structures and Their Functions	KS3 -Photosynthesis KS4 WS- 1,2,3 KS4 - Transport systems KS4 - Photosynthesis	Plant Structures and Their Functions Animal Coordination and Homeostasis	KS3 -Photosynthesis KS4 WS- 1,2,3 KS4 - Transport systems KS4 - Photosynthesis KS4 - Coordination and control	Animal Coordination and Homeostasis Exchange and Transport in Animals	KS3-Gas exchange systems KS4 WS 1A,2,3 KS4 - Coordination and control	Ecosystems and Material Cycles	KS4 WS 2E,2D KS4 - Ecosystems	Ecosystems and Material Cycles	KS3-Relationships in an ecosystem KS4 WS 1E	Revision, Review and Revisit	Mock Exams
		Chemistry	Extracting Metals (Catchup)	KS4 - Atomic structure and periodic table KS4 - Rate and extent of Chemical change	Groups in the Periodic Table Rates of Reaction	KS4 - Atomic structure and periodic table KS4 - Rate and extent of Chemical change	Rates of Reaction Energy Changes	KS4 - Rate and extent of Chemical change KS4 - Energy changes in Chemistry	Fuels and Earth Science	KS4 - Earth and atmospheric science KS4 Chemical and allied industries	Fuels and Earth Science	KS3-Earth and atmosphere	Revision, Review and Revisit	Mock Exams
		Physics	Energy - Forces doing Work Forces and Their effects	KS4 - Energy	Electricity	KS4 - Electricity	Magnetism and the Motor effect Electromagnetic induction	KS4 - Electricity KS4 - magnetism and electromagnetism	Particle Model and Density	KS4 - Energy KS4 - Forces KS4 - Structure of matter	Forces and Matter	KS4 - Energy KS4 - Structure of matter	Radioactivity (Catchup) Revision, Review and Revisit	Mock Exams
	Triple	Biology	Health and disease (Catchup)	KS3 -Photosynthesis KS4 WS- 1,2,3 KS4 - Transport systems KS4 - Photosynthesis	Plant Structures and Their Functions Animal Coordination and Homeostasis	KS3 -Photosynthesis KS4 WS- 1,2,3 KS4 - Transport systems KS4 - Photosynthesis KS4 - Coordination and control	Animal Coordination and Homeostasis Exchange and Transport in Animals	KS3-Gas exchange systems KS4 WS 1A,2,3 KS4 - Coordination and control	Exchange and Transport in Animals	KS3-Gas exchange systems KS4 WS 1A,2,3	Ecosystems and Material Cycles	KS4 WS 2E,2D KS4 - Ecosystems KS3-Relationships in an ecosystem KS4 WS 1E	Genetic Engineering (Catchup) Revision, Review and Revisit	Mock Exams
		Chemistry	Separate Chemistry 1 (Catchup)	KS4 - Chemical and Allied industries	Groups in the Periodic Table Rates of Reaction	KS4 - Atomic structure and periodic table KS4 - Rate and extent of Chemical change	Energy Changes Fuels and Earth Science	KS4 - Earth and atmospheric science KS4 Chemical and allied industries KS4 - Energy changes in Chemistry	Fuels and Earth Science Separate Chemistry 2	KS4 - Chemical changes KS4 - Structure, bonding and properties of matter	Separate Chemistry 2	KS4 - Chemical changes KS4 - Structure, bonding and properties of matter	Revision, Review and Revisit	Mock Exams
		Physics	Energy - Forces doing Work Forces and Their effects	KS4 - Energy	Electricity	KS4 - Electricity	Static Magnetism	KS4 - Electricity KS4 - magnetism and electromagnetism	Electromagnetic induction Particle Model	KS4 - Electricity KS4 - magnetism and electromagnetism KS4 - Structure of matter	Forces and Matter	KS4 - Energy KS4 - Structure of matter	Radioactivity (Catchup) Revision, Review and Revisit	Mock Exams
Year 11	Combined	Biology	Ecosystems and Material Cycles (Catchup)	KS4 WS 2E,2D KS4 - Ecosystems KS3-Relationships in an ecosystem KS4 WS 1E	Genetics and Cell division Cells and Enzymes	KS4 - WS 1B,1C,1D,1E KS3-Cells and organisation KS4 - WS 1B KS4 - Cell biology	Individual Group topics	Revision Paper 1	Revision Paper 1	Revision Paper 2	Revision Paper 2			
		Chemistry	Fuels and Earth Science (Catchup)	KS3-Earth and atmosphere	Metals and Reactions Atoms, Elements and Bonding	KS4 - Ws 1E,1F,2A KS4 - Atomic structure and periodic table KS4 - Energy changes in Chemistry	Individual Group topics	Revision Paper 1	Revision Paper 1	Revision Paper 2	Revision Paper 2			
		Physics	Forces	KS4 - Forces	Radioactivity	KS4 - Atomic structure	Individual Group topics	Revision Paper 1	Revision Paper 1	Revision Paper 2	Revision Paper 2			
	Triple	Biology	Ecosystems and Material Cycles (Catchup)	KS4 WS 2E,2D KS4 - Ecosystems KS3-Relationships in an ecosystem KS4 WS 1E	Genetics and Cell division Cells and Enzymes	KS4 - WS 1B,1C,1D,1E KS3-Cells and organisation KS4 - WS 1B KS4 - Cell biology	Individual Group topics	Revision Paper 1	Revision Paper 1	Revision Paper 2	Revision Paper 2			
		Chemistry	Separate Chemistry 2 (Catchup)	KS4 - Chemical changes KS4 - Structure, bonding and properties of matter	Atoms, Bonding and Periodic Table Chemistry Calculations	KS4 - WS,4C,4D,4E, 1A,1B KS4 -Atomic structure and Periodic table KS4 - Structure, bonding and properties of matter	Individual Group topics	Revision Paper 1	Revision Paper 1	Revision Paper 2	Revision Paper 2			
		Physics	Astronomy (Catchup)	KS4 - Forces and motion KS4 - Space physics KS4 - Atomic Structure	Waves and Sound	KS4 - Wave motion	Individual Group topics	Revision Paper 1	Revision Paper 1	Revision Paper 2	Revision Paper 2			