Long Term SOW

		Half Term 1	Half Term 2	Half Term 3	Half Term 4	Half Term 5	Half Term 6
Year 7	Topic/Fertile Question	Cells Particles	Cells (Cont) Forces	Structure and Function of the body Atoms, Elements and Compounds	Structure and Function of the body (Cont) Space	Reproduction Reactions, Acids and Alkalis	Reproduction (Cont) Waves, Light and Sound
	Key Themes	Cells and Systems Particle Theory	Cells and Systems Forces and Motion	Cells and Systems, Controlling the body Particle Theory, Chemical Reactions	Cells and Systems, Controlling the body Forces and Motion, Matter and Models	Cells and Systems, Controlling the body, Biological Processes Chemical Reactions	Cells and Systems, Controlling the body, Biological Processes Electricity and Energy, Radiation and Waves
Year 8	Topic/Fertile Question	Health and Lifestyle Periodic Table	Health and Lifestyle (Cont) Electricity and Magnetism	Ecosystems Separation Techniques, Metals and Acids	Ecosystems (Cont) Motion and Pressure	Adaptations and Inheritance The Earth	Adaptations and Inheritance (Cont) Energy
	Key Themes	Biological Processes, Controlling the body Chemical Reactions, Analytical Chemistry	Biological Processes, Controlling the body Electricity and Energy	Ecology Chemical Reactions, Analytical Chemistry	Ecology Forces and Motion, Matter and Models	Evolution Environmental Science	Evolution Electricity and Energy, Radiation and Waves

		Half Term 1	Half Term 2	Half Term 3	Half Term 4	Half Term 5	Half Term 6
Year 9	**Topic/Fertile Question**	B1 – You and Your Genes	C2 – Chemical Patterns	P1 – Radiation and Waves	B2 – Keeping Healthy	C1 – Air and Water	P2 – Sustainable Energy
	Key Themes	Cells and Systems, Biological Processes	Particle Theory, Chemical Reactions, Environmental Science	Radiation and Waves, Matter and Models	Cells and Systems, Biological Processes, Controlling the Body	Chemical Reactions	Electricity and Energy
Year 10	**Topic/Fertile Question**	B3 – Using food and Controlling Growth C3 – Chemicals of the Natural Environment P3 – Electric Currents	B3 then moving to B4 – The Human Body – Staying Alive C3 then moving to C4 – Materials and Choices P3 then moving to P4 – Explaining Motion	B4 – The Human Body – Staying Alive (Cont) C4 – Materials and Choices (Cont) P4 – Explaining Motion (Cont)	B4 then moving to B5 – Living Together – Food and Ecosystems C4 then moving to C5 – Making Useful Chemicals P4 then moving to P5 – Radioactive Materials	B5 – Living Together – Food and Ecosystems (Cont) C5 – Making Useful Chemicals (Cont) P5 – Radioactive Materials (Cont)	B6 - Life on Earth – Past, Present and Future C6 – Chemical Analysis P6 – Matter – models and explanations
	Key Themes	Biological Processes, Ecology Chemical Reactions, Environmental Science Electricity and Energy	Cells and Systems, Controlling the Body Analytical Chemistry, Chemical Reactions Forces and Motion	Cells and Systems, Controlling the Body Analytical Chemistry, Chemical Reactions Forces and Motion	Ecology, Biological Processes, Controlling the Body Analytical Chemistry, Chemical Reactions Radiation and Waves	Ecology, Biological Processes, Controlling the Body Analytical Chemistry, Chemical Reactions Radiation and Waves	Evolution Analytical Chemistry Matter and Models

		Half Term 1	Half Term 2	Half Term 3	Half Term 4	Half Term 5	Half Term 6
Year 11	**Topic/Fertile Question**	B2 – Keeping Healthy C4 – Materials and Choices P4 – Explaining Motion	B5 – Living Together – Food and Ecosystems C5 – Making Useful Chemicals P5 – Radioactive Materials	B5 – Living Together – Food and Ecosystems (Cont) C5 – Making Useful Chemicals (Cont) P5 – Radioactive Materials (Cont)	B6 - Life on Earth – Past, Present and Future C6 – Chemical Analysis P6 – Matter – models and explanations	Revision	
	Key Themes	Cells and Systems, Biological Processes, Controlling the Body Analytical Chemistry, Chemical Reactions Forces and Motion	Ecology, Biological Processes, Controlling the Body Analytical Chemistry, Chemical Reactions Radiation and Waves	Ecology, Biological Processes, Controlling the Body Analytical Chemistry, Chemical Reactions Radiation and Waves	Evolution Analytical Chemistry Matter and Models		