

	Year 7 <i>Start 2022-23</i>	Year 8 <i>Start 2022-23</i>	Year 9 <i>Start 2022-23</i>	Year 10 <i>Start 2023-24</i>	Year 11 <i>Start 2023-24</i>
Autumn 1	Transition to secondary science <i>(3 weeks)</i>	Key concepts recap <i>(2 weeks)</i>	Chemical bonding (chem) <i>(2.5 weeks)</i>	Resultant forces and motion <i>(2.5 weeks)</i>	Bonding, reactions and properties (Chem) <i>(2 weeks)</i>
					Mitosis and meiosis, stem cells (Bio) <i>(1 week)</i>
	Particles and states of matter <i>(2 weeks)</i>	Health and nutrition <i>(2 weeks)</i>	Heating and cooling (phys) <i>(2.5 weeks)</i>	Disease and pathogens <i>(2.5 weeks)</i>	Energy conservation calculations, KE, PE and SHC/SLH (Phys) <i>(2 weeks)</i>
	Disease <i>(1 week)</i>				
	Forces <i>(2 weeks)</i>	Chemical reactions: metals and acids <i>(3 weeks)</i> <i>chemical equations key here</i>	Atomic structure (chem) ELC Paper 3 (chem) - revision and assessment <i>(2 weeks)</i>	Energy, efficiency and resources ELC Paper 5 (phys) - revision and assessment <i>(2 weeks)</i>	Numerical skills, graphs and working scientifically <i>(1 week)</i>
Autumn 2	Cells and microscopes <i>(1.5 weeks)</i>				Quantitative, moles, reacting masses (Chem) <i>(3 weeks)</i>
	Life cycles, growth and reproductive systems <i>(3 weeks)</i>	Static and current electricity <i>(3 weeks)</i>	Work, power and efficiency FLC Paper 6 (phys) - revision and assessment <i>(3 weeks)</i>	Immune system and drug development ELC Paper 2 (bio) - revision and assessment <i>(3 weeks)</i>	Mock GCSE papers in Bio and Chem <i>(1 week)</i>
	Sound <i>(2 weeks)</i>	Magnetism and electromagnetism <i>(1.5 weeks)</i>	DNA and genetics <i>(2.5 weeks)</i>	Fuels, cracking and combustion <i>(3 weeks)</i>	Momentum and Newton's laws (Phys) <i>(2 weeks)</i>
Spring 1	Adaptations, variation and genetics <i>(2 weeks)</i>	Exothermic and endothermic reactions <i>(2 weeks)</i>	Waves <i>(2 weeks)</i>	Diffusion, osmosis and active transport (in plants) <i>(2 weeks)</i>	Hormonal responses and describing organisation (Bio) <i>(2 weeks)</i>

	Light, wave behaviour and colour <i>(3 weeks)</i>	Photosynthesis and respiration <i>(2 weeks)</i>	Cells and the nervous system ELC Paper 1 (Bio) - revision and assessment <i>(3 weeks)</i>	Acid rain, early atmosphere and global warming FLC Paper 4 (Chem) - revision and assessment <i>(3 weeks)</i>	More moles and quantitative (higher Chem) <i>(2 weeks)</i>
					Electromagnetism (Phys) <i>(2 weeks)</i>
Spring 2	Elements, compounds and separating mixtures <i>(3 weeks)</i>	Speed, acceleration and motion graphs <i>(3 weeks)</i>	Radiation ELC Paper 6 (phys) - revision and assessment <i>(3 weeks)</i>	Photosynthesis, ecosystems and material cycles FLC Paper 1 (Bio) - revision and assessment <i>(3 weeks)</i>	Interconnections in ecosystems (Bio) <i>(2 weeks)</i>
	Science week	Science week	Science week	Science week	Science week
	Earth, moon and sun <i>(2 weeks)</i>	Pressure and moments <i>(2 weeks)</i>	Trends in the periodic table <i>(2 weeks)</i>	Static and current electricity <i>(2 weeks)</i>	Full GCSE papers in all 3 sciences <i>(2 weeks)</i>
Summer 1	Beyond our solar system <i>(1 week)</i>	Water, carbon and nitrogen cycles <i>(1.5 weeks)</i>	Hormones <i>(2 weeks)</i>	Separating and electrolysis <i>(2 weeks)</i>	Consolidation & Exam Prep
	Earth and rock cycle <i>(2 weeks)</i>	Atmosphere and climate change <i>(1.5 weeks)</i>	Exo/endo and rates of reaction	Electricity in home and grid	
	Human organisation (muscular and skeletal systems) <i>(2 weeks)</i>	Biodiversity and ecosystems <i>(3 weeks)</i>	FLC Paper 3 (chem) - revision and assessment <i>(3 weeks)</i>	Magnetism FLC Paper 5 (phys) - revision and assessment <i>(3 weeks)</i>	
Summer 2	Periodic table <i>(3 weeks)</i>	Energy stores and transfers <i>(3 weeks)</i>	Organisation and exchange FLC Paper 2 (bio) - revision and assessment <i>(4 weeks)</i>	Acids, metals, salts and life cycle assessments	
	Acids, alkalis and neutralisation <i>(2 weeks)</i>	Energy resources (longer project)		ELC Paper 4 (chem) - revision and assessment	



Order for Key Stage 4 Entry Level Certificate papers:

1. Entry LC Paper 3 – Bonding and atomic structure
2. Further Entry LC Paper 6 – Matter and density
3. Entry LC Paper 1 – Genetics and cells
4. Entry LC Paper 6 – Waves and radiation
5. Further Entry LC Paper 3 – Trends and rates of reaction
6. Further Entry LC Paper 2 – Human organisation
7. Entry LC Paper 5 – Energy and forces
8. Entry LC Paper 2 – Disease and immune response
9. Further Entry LC Paper 4 – Chemistry in our world
10. Further Entry LC Paper 1 – Plant science and ecology
11. Further Entry LC Paper 5 – Electricity and magnetism
12. Entry LC Paper 4 – Separating techniques and acids and metals