

Department: Science Long Term Plan

Year	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
7	<u>Activate SOW</u> Working Scientifically Particles Forces	Cells Reproduction	Light Sound	Acids + Alkalis Chemical Reactions	Elements Structure + Function of Body Systems	Separation techniques <i>Revision of prior content + exam of year exam</i>
8	<u>Activate SOW</u> Working Scientifically Energy Periodic table	Motion + Pressure Adaptations	Electricity Ecosystems	<i>Completion of Spring 1 topics.</i> Metals + Acids	Health + Lifestyle The Earth	Space <i>Revision of prior content + exam of year exam</i>
9	<u>GCSE – Edexcel (Combined)</u> CB1 – Key Concepts in Biology CC1/CC2 – States of Matter/Methods of Separating + Purifying	CP1 – Motion CC3/CC4 Atomic Structure/Periodic Table	<i>Completion of Autumn 2 topics.</i> CP2 – Forces + Motion	CB2 – Cells + Control CP3 – Conservation of Energy	CC5-CC7 – Ionic + Covalent bonding CP4 - Waves	CP4 - Waves <i>Revision of prior content + exam of year exam</i>
10	<u>GCSE – Edexcel</u> Combined; CC8 – Acids + Alkalis CP3 – Conservation of Energy Triple; SC8 – Acids + Alkalis SP3 – Conservation of Energy	Combined; CB3 - Genetics <i>Revision of prior Year 9 content</i> Triple; SB3 - Genetics SC9 - Calculations involving masses SC10-13 – Electrolytic Processes, Equilibria + Alloys SP7 – Astronomy	Combined; CP4 – Waves CP5 – Light + the Electromagnetic Spectrum CB4 - Natural Selection + Genetic Modification Triple; SB4 - Natural Selection + Genetic Modification SC14-16 Quantitative analysis, volumes of gases. SP4 – Waves	Combined; CC10-12 - Electrolytic Processes, Equilibria CP6 – Radioactivity Triple; SP5 - Light + the Electromagnetic Spectrum SC17-19 – Groups of Periodic Table; Rates of reaction SB5 – Health, disease + development of Medicines	Combined; CB5 – Health, disease + development of Medicines <i>Revision of prior Year 9 content</i> Triple; SP6 – Radioactivity SB6 – Plant structures + their functions SB7 – Animal coordination, control and homeostasis	Combined; CB6 – Plant structures + their functions <i>Revision of prior content + exam of year exam</i> Triple; <i>Completion of summer 1 topics.</i> SP10-11 Electricity, circuits + static <i>Revision of prior content + exam of year exam</i>

11	<p><u>GCSE – Edexcel</u></p> <p>Combined; CP6 – Radioactivity</p> <p>CC13-15 – Groups of Periodic Table; Rates of reaction</p> <p>CB6 – Plant structures + their functions</p> <p>Triple; SC17-19 – Groups of Periodic Table; Rates of reaction</p> <p>SB7 – Animal coordination, control and homeostasis</p> <p>SP10-11 Electricity, circuits + static</p>	<p>Combined; CP9 - Electricity, circuits</p> <p>CP10-11 Magnetism + Electromagnetic induction</p> <p>Triple; SB6 – Plant structures + their functions</p> <p>SC20-21 – Fuels + Earth science</p> <p>SP12-13 Magnetism + Electromagnetic induction</p>	<p>Combined; CB5 – Health, disease + development of Medicines</p> <p>CC16-17 – Fuels + Earth science</p> <p>Triple; SB8 – Exchange + Transport</p> <p>SC22-24 Hydrocarbons, alcohols + polymers</p> <p>SP14-15 Particle model; forces + matter</p>	<p>Combined; CB7 – Animal coordination, control and homeostasis</p> <p>CP12-13 - Particle model; forces + matter</p> <p>CB8 – Exchange + Transport</p> <p>Triple; SC25-26 Tests for ions + Nanoparticles</p> <p>SB9 – Ecosystems + Material cycles</p>	<p>Combined; CC10-12 - Electrolytic Processes, Equilibria</p> <p>CB9 – Ecosystems + Material cycles</p> <p><i>Revision of prior content + exam of year exam</i></p> <p>Triple; <i>Revision of prior content + exam of year exam</i></p>	
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