		Autumn		Spring		Summer	
		Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
Year 10	Knowledge	Separate Biology B4 - Natural selection and genetic modification Chemistry C17 - Periodic table C18 - Rates of reaction C19 - heat energy changes Physics P10 - Electricity and circuits Combined Biology B4 - Natural selection and genetic modification. Chemistry C13 - Periodic table C14 - Rates of reaction C15 - heat energy changes Physics P9 - Electricity and circuits.	Biology B5 - Health diseases and the development of medicine Chemistry C20 - Fuels C21 - Earth and atmosphere Physics P4 - Waves Biology B5 - Health diseases and the development of medicine. Chemistry C16 - Fuels C17 - Earth and atmosphere Physics P4 - Waves	<ul> <li>Biology</li> <li>B6 - Plant structure</li> <li>and their function</li> <li>Chemistry</li> <li>C8 - Acids and alkalis</li> <li>Physics</li> <li>P5 - Light and</li> <li>electromagnetic</li> <li>spectrum</li> </ul> Biology B6 - Plant structure <ul> <li>and their function.</li> <li>Chemistry</li> <li>C8 - Acids and alkalis</li> <li>Physics</li> <li>P5 - Light and</li> <li>electromagnetic</li> <li>spectrum.</li> </ul>	Biology B7 - Animal coordination, control and homeostasis Chemistry C9 - C10 - Calculations, electrolysis, obtaining and using metals, reversible reactions, equilibria, transition metals, alloys and corrosion. Physics P6 - Radioactivity Biology B7 - Animal coordination, control and homeostasis. Chemistry C9 C10 - Calculations involving masses Physics P6 - Radioactivity	Biology B7 - Animal coordination, control and homeostasis Chemistry C11 - C13 Calculations, electrolysis, obtaining and using metals, reversible reactions, equilibria, transition metals, alloys and corrosion. Physics P7 - Astronomy P8/9 - Energy-forces doing work and their effects Biology B7 - Animal coordination, control and homeostasis. Chemistry C9 C10 - Calculations involving masses Physics P7 and P8 - Energy and forces doing work.	Biology Revision/exams Chemistry Revision/exams Physics Revision/exams Chemistry Revision/exams Physics Revision and exams

	Autu	mn	Sp	ring	Sum	nmer
Skills	Biology Translating between num Bar charts, histograms, lin Added on: B5 - Calculating cross sec B6 - Measuring rates, Con Chemistry C8 - Titrations, pH testing equations and determinin C9 - Numeracy skills (Calc C10 - Electrolysis half equ C11 - Writing displaceme C13 - Halogen displaceme C14 - determine the rate C15 - Measuring the enth Bond energy calculations C16 - Drawing/ building a C17 - Comparisons and co Physics Numeracy - Ratios, convert formulae, Energy values,	ne graphs, extracting inf tions of bacterial culture rrelations, inverse squar g, Numeracy - Determini ng a formula, writing ior culation, empirical form uations ent reactions, ionic half e ent reactions, of reaction from an exp nalpy change of exo and s atomic models of alkane ontrast between past ar	formation, ratios, probab es. re law, means. ing pH from their concent nic half equations, Identif ula, yields, concentration equations, writing or dete perimental graph. endothermic reactions. I s and alkenes. nd current climates. raphs (Linear and non- lin	ration, Making and prepa ying and naming precipita , moles) rmining stages of a life cy Drawing and interpreting ear), Quantities and equa	ates. vcle assessment. endo and exothermic rea	ction profile diagrams.
Assessment	Assessment 2, End of	Assessment 1, Assessment 2, End of topic assessment.	Assessment 1, Assessment 2, End of topic assessment.	Assessment 1, Assessment 2, End of topic assessment.	Assessment 1, Assessment 2, End of topic assessment.	Assessment 1, Assessment 2, End o topic assessment.