

Year 10 Science SKI Week Preparation

All students will sit **3 assessment**. All formula sheets will be provided for the Physics assessments.

Assessment Session	Subject	Content	Number of marks
1	Biology	<p>CB1 Key concepts in Biology : cells, enzymes, microscopes, diffusion and osmosis</p> <p>Key concepts in biology - GCSE Combined Science - BBC Bitesize</p> <p>CB2 Cell division , growth and nervous system</p> <p>Cells and control - GCSE Combined Science - BBC Bitesize</p> <p>CB3 Genetics – DNA, inheritance, mutations, variation</p> <p>Genetics - GCSE Combined Science - BBC Bitesize</p> <p>Cb4 Natural selection and genetic modification.</p> <p>Natural selection and genetic modification - GCSE Combined Science - BBC Bitesize</p>	60
2	Chemistry (CC1-4 covered at end of year 9)	<p>CC1-2 States of matter, Methods of separating and purifying substances</p> <p>States of matter and mixtures - GCSE Combined Science - BBC Bitesize</p> <p>CC3 Atomic structure Key concepts in chemistry - GCSE Combined Science - BBC Bitesize</p> <p>CC4 The periodic table Key concepts in chemistry - GCSE Combined Science - BBC Bitesize</p> <p>CC5 Ionic bonding Key concepts in chemistry - GCSE Combined Science - BBC Bitesize</p> <p>CC6 Covalent bonding Key concepts in chemistry - GCSE Combined Science - BBC Bitesize</p>	60

Assessment Session	Subject	Content	Number of marks
		<p>CC7 Types of bonding Key concepts in chemistry - GCSE Combined Science - BBC Bitesize</p> <p>CC8 Acids and alkalis Acidic and alkaline solutions - Acids and alkalis - Edexcel - GCSE Combined Science Revision - Edexcel - BBC Bitesize</p> <p>Making salts from acids and insoluble reactants - Salts - Edexcel - GCSE Combined Science Revision - Edexcel - BBC Bitesize</p> <p>CC9 Calculations involving masses Key concepts in chemistry - GCSE Combined Science - BBC Bitesize</p> <p>CC11 Obtaining and using metals. The reactivity series of metals - Obtaining and using metals - Edexcel - GCSE Combined Science Revision - Edexcel - BBC Bitesize</p>	
3	<p>Physics</p> <p>(CP3,4,&5 covered at end of year 9)</p>	<p>Cp1 Motion Motion and forces - GCSE Combined Science - BBC Bitesize</p> <p>Cp2 Forces and motion Motion and forces - GCSE Combined Science - BBC Bitesize</p> <p>CP3 Conservation of energy Conservation of energy - GCSE Combined Science - BBC Bitesize</p> <p>Cp4 Waves Waves - GCSE Combined Science - BBC Bitesize</p> <p>CP5 Light and the electromagnetic spectrum Light and the EM spectrum - GCSE Combined Science - BBC Bitesize</p> <p>Cp6 Radioactivity. Radioactivity - GCSE Combined Science - BBC Bitesize</p>	60