

Key Stage 4 Science

At Key stage 4, Pupils complete the GCSE course of Combined Science, administered by Pearson Edexcel. Pupils are assessed during KS3 to determine an appropriate tier of examination (higher or foundation).

Additionally, pupils that have difficulties with their; engagement in Science, behaviour for learning, attendance, literacy and/or numeracy will complete the Entry Level Certificate in Science, also administered by Pearson Edexcel, which is co-teachable with the aforementioned 9-1 GCSE.

Pupils in year 11 sit mock examinations that comprise of 6 papers as specified by Pearson Edexcel. This is done to provide pupils with the experience of examinations so that they are best prepared for the official exams, to ensure they are sitting the correct tier, and will also highlight any gaps in knowledge

Class	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Storey Year 10	CC1 States of Matter CC3 Atomic Structure CC4 The Periodic Table	CB1 Key Concepts in Biology CB2 Cells and Control	CP1 Motion CP2 Forces and Motion CP3 Conservation of Energy	CC2 Methods of Separating and Purifying Substances CC10 Electrolytic Processes	CB3 Genetics CB4 Natural Selection and Genetic Modification	CP4 Waves CP5 Light and the Electromagnetic Spectrum CP6 Radioactivity

Key Stage 4 Science

	<p>CC5 Ionic Bonding</p> <p>CC6 Covalent Bonding</p> <p>CC7 Types of Substance</p> <p>CC8 Acids and Alkalis</p> <p>CC14 Rates of Reaction</p>		<p>CC9 Calculations Involving Masses</p>	<p>CC11 Obtaining and Using Metals</p> <p>CC12 Reversible Reactions and Equilibria</p>		<p>CP7 Energy - Forces Doing Work</p> <p>CP8 Forces and their Effects</p>
<p>Carson</p> <p>Year 11</p>	<p>CB5 Health, Disease and Development of Medicines</p>	<p>Mock exams</p> <p>CC13 Groups in the Periodic Table</p>	<p>CB8 Exchange and Transport in Animals</p>	<p>Entry level exams</p> <p>CP10 Magnetism and the Motor Effect</p>	<p>Exam preparation and Revision</p>	<p>Exam preparation and Revision</p>

Key Stage 4 Science

	<p>CB6 Plant Structures and their Functions</p> <p>CB7 Animal Coordination , Control and Homeostasis</p>	<p>CC15 Heat Energy Changes in Chemical Reactions</p> <p>CC16 Fuels</p> <p>CC17 Earth and Atmospheric Science</p>	<p>CB9 Ecosystems and Material Cycles</p> <p>CP9 Electricity and Circuits</p>	<p>CP11 Electromagnetic Induction</p> <p>CP12 Particle Model</p> <p>CP13 Forces and Matter</p>		
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