

Combined Sciences

Pearson Edexcel Level 1/Level 2 GCSE (9 - 1) in Combined Science (1SC0)

All pupils who have not chosen or met the entry requirements for the Separate Sciences of Biology, Chemistry and Physics will be taking Combined Science during Years 10 and 11. Combined Science is completed over two years and the examinations are all taken at the end of the course.

Combined Science consists of six externally examined papers each accounting for 16.67% of the pupils GCSE grade. These are available at foundation tier and higher tier. All examinations are 1 hour and 10 minutes in length and students must complete all assessments in the same tier.

Please click on the link for the full course specification: [Combined Sciences GCSE](#)

Overview of Topics Covered in each Paper

Paper	Topics
Paper 1: Biology 1	<ul style="list-style-type: none">• Topic 1 – Key concepts in biology• Topic 2 – Cells and control• Topic 3 – Genetics• Topic 4 – Natural selection and genetic modification• Topic 5 – Health, disease and the development of medicines
Paper 2: Biology 2	<ul style="list-style-type: none">• Topic 1 – Key concepts in biology• Topic 6 – Plant structures and their functions• Topic 7 – Animal coordination, control and homeostasis• Topic 8 – Exchange and transport in animals• Topic 9 – Ecosystems and material cycles
Paper 3: Chemistry 1	<ul style="list-style-type: none">• Topic 1 – Key concepts in chemistry• Topic 2 – States of matter and mixtures• Topic 3 – Chemical changes• Topic 4 – Extracting metals and equilibria
Paper 4: Chemistry 2	<ul style="list-style-type: none">• Topic 1 – Key concepts in chemistry• Topic 6 – Groups in the periodic table• Topic 7 – Rates of reaction and energy changes• Topic 8 – Fuels and Earth science

<p>Paper 5: Physics 1</p>	<ul style="list-style-type: none"> • Topic 1 – Key concepts of physics • Topic 2 – Motion and forces • Topic 3 – Conservation of energy • Topic 4 – Waves • Topic 5 – Light and the electromagnetic spectrum • Topic 6 – Radioactivity
<p>Paper 6: Physics 2</p>	<ul style="list-style-type: none"> • Topic 1 – Key concepts of physics • Topic 8 – Energy - Forces doing work • Topic 9 – Forces and their effects • Topic 10 – Electricity and circuits • Topic 12 – Magnetism and the motor effect • Topic 13 – Electromagnetic induction • Topic 14 – Particle model • Topic 15 – Forces and matter