

Topics taught in Year 10 Combined Trilogy and the Separate Sciences (Triple)

Biology	Chemistry	Physics
<p>B7 – Biodiversity and Distribution (14) Definitions - Biodiversity and distribution - 3rd level Science Revision - BBC Bitesize Abiotic factors - Distribution of organisms - National 5 Biology Revision - BBC Bitesize Biodiversity - Biodiversity and the effect of human interaction on ecosystems - AQA - GCSE Biology (Single Science) Revision - AQA - BBC Bitesize</p>	<p>C9 – Structure & Bonding (11) Triples (14) Periodic table - KS3 Chemistry - BBC Bitesize Bonding, structure and the properties of matter - GCSE Combined Science Revision - AQA Trilogy - BBC Bitesize Bonding, structure and the properties of matter - GCSE Chemistry (Single Science) Revision - AQA - BBC Bitesize</p>	<p>P7 – Energy and Electrics (15) Energy - KS3 Physics - BBC Bitesize Energy - GCSE Combined Science Revision - AQA Trilogy - BBC Bitesize</p>
<p>B8 – Photosynthesis (14) What is photosynthesis? - Photosynthesis - National 5 Biology Revision - BBC Bitesize</p>	<p>C10 – Metals and their reactions (8) Triples (10) The reactivity series of metals - Reactions of metals - AQA - GCSE Combined Science Revision - AQA Trilogy - BBC Bitesize Reactions of metals - Metals - National 5 Chemistry Revision - BBC Bitesize</p>	<p>P8 – Forces (18) Physics (Combined Science) - GCSE Combined Science Revision - AQA Trilogy - BBC Bitesize Resolving forces - Higher - Gravity - AQA - GCSE Combined Science Revision - AQA Trilogy - BBC Bitesize Calculations involving forces - Scalar and vector quantities - AQA - GCSE Combined Science Revision - AQA Trilogy - BBC Bitesize Forces - GCSE Physics (Single Science) Revision - AQA - BBC Bitesize</p>
<p>B9 – Homeostasis (15) Homeostasis and response - GCSE Biology (Single Science) Revision - AQA - BBC Bitesize Homeostasis - Coordination and control - The nervous system - AQA - GCSE Biology (Single Science) Revision - AQA - BBC Bitesize Homeostasis and response - GCSE Combined Science Revision - AQA Trilogy - BBC Bitesize</p>	<p>C11 – Salts and Acids (7) Triples (7) Naming salts - Acids, alkalis and salts - AQA - GCSE Combined Science Revision - AQA Trilogy - BBC Bitesize Acidic and alkaline solutions - Acids, alkalis and salts - AQA - GCSE Chemistry (Single Science) Revision - AQA - BBC Bitesize Chemical analysis - GCSE Combined Science Revision - AQA Trilogy - BBC Bitesize</p>	<p>P9 – Energy and Waves (19) Physics (Combined Science) - GCSE Combined Science Revision - AQA Trilogy - BBC Bitesize Waves - GCSE Combined Science Revision - AQA Trilogy - BBC Bitesize Types of waves - Properties of waves - AQA - GCSE Combined Science Revision - AQA Trilogy - BBC Bitesize Longitudinal waves - Transverse and longitudinal waves - AQA - GCSE Combined Science Revision - AQA Trilogy - BBC Bitesize Properties of waves - AQA test questions - AQA Trilogy - GCSE Combined Science Revision - BBC Bitesize</p>
<p>B10 – Land and Waste (11) Waste management - Biodiversity and the effect of human interaction on ecosystems - AQA - GCSE Biology (Single Science) Revision - AQA - BBC Bitesize Land use - Monitoring and maintaining the environment - OCR Gateway - GCSE Biology (Single Science) Revision - OCR Gateway - BBC Bitesize</p>	<p>C12 – Electrolysis (8) Triples (8) Electrolysis of solutions - Electrolysis - AQA - GCSE Combined Science Revision - AQA Trilogy - BBC Bitesize Electrolysis of molten salts - Electrolysis - AQA - GCSE Chemistry (Single Science) Revision - AQA - BBC Bitesize</p> <p>C13 – Energy (7) Triples (7) Energy changes - GCSE Combined Science Revision - AQA Trilogy - BBC Bitesize Energy changes - GCSE Chemistry (Single Science) Revision - AQA - BBC Bitesize</p>	

Topics taught in Year 11 Combined Trilogy and the Separate Sciences (Triple)

Biology	Chemistry	Physics
<p>B11 – Bioenergetics (18) Bioenergetics - GCSE Combined Science Revision - AQA Trilogy - BBC Bitesize Bioenergetics - GCSE Biology (Single Science) Revision - AQA - BBC Bitesize</p>	<p>C14 –Chemical Calculations (10) Triples (18) Quantitative chemistry - GCSE Combined Science Revision - AQA Trilogy - BBC Bitesize Quantitative chemistry - GCSE Chemistry (Single Science) Revision - AQA - BBC Bitesize</p>	<p>P10 – Circuits and Forces (22) Electrical charge and current - Electric circuits - AQA - GCSE Physics (Single Science) Revision - AQA - BBC Bitesize Electricity - GCSE Physics (Single Science) Revision - AQA - BBC Bitesize Forces - GCSE Combined Science Revision - AQA Trilogy - BBC Bitesize Forces - GCSE Physics (Single Science) Revision - AQA - BBC Bitesize</p>
<p>B12 – Genetics (21) Genetic inheritance - Genetic inheritance - AQA - GCSE Biology (Single Science) Revision - AQA - BBC Bitesize Genetic inheritance - Genetic inheritance - AQA - GCSE Combined Science Revision - AQA Trilogy - BBC Bitesize</p>	<p>C15- Rates and Equilibria (13 Triples (16) Rate of reaction - Rates of reaction - AQA - GCSE Combined Science Revision - AQA Trilogy - BBC Bitesize Rate of reaction - Rates of reaction - AQA - GCSE Chemistry (Single Science) Revision - AQA - BBC Bitesize</p>	<p>P11 – Triples only P1 Radiation (7) (Triple order 7,8,9,11,10,12) Atoms and radiation - GCSE Physics (Single Science) Revision - BBC Bitesize Nuclear radiation - Radioactive decay - AQA - GCSE Physics (Single Science) Revision - AQA - BBC Bitesize Physics (Combined Science) - GCSE Combined Science Revision - AQA Trilogy - BBC Bitesize</p>
<p>B13 – Triples Food and Cloning (22) What factors affect food security? - Food production - AQA - GCSE Biology (Single Science) Revision - AQA - BBC Bitesize Cloning in animals - Variation - AQA - GCSE Biology (Single Science) Revision - AQA - BBC Bitesize</p>	<p>C16- Crude oil and Fuels (9) Organic chemistry - GCSE Combined Science Revision - AQA Trilogy - BBC Bitesize Organic chemistry - GCSE Chemistry (Single Science) Revision - AQA - BBC Bitesize</p>	<p>P12 – Triple module for P2 (33) The expanding universe. Generating electricity and lenses. The future of the Universe - The expanding Universe - AQA - GCSE Physics (Single Science) Revision - AQA - BBC Bitesize Distribution and use of electricity - Generation of electricity - National 4 Physics Revision - BBC Bitesize</p>
<p>B14 – Triples, The Body, Evolution and Genes (17) Principles of evolution by natural selection - Evolution - AQA - GCSE Biology (Single Science) Revision - AQA - BBC Bitesize The human body - Staying alive - GCSE Biology (Single Science) Revision - OCR 21st Century - BBC Bitesize Genetic inheritance - Genetic inheritance - AQA - GCSE Biology (Single Science) Revision - AQA - BBC Bitesize Genetics - GCSE Biology (Single Science) Revision - Edexcel - BBC Bitesize</p>	<p>C17 Triples only Organic Chemistry (10) Organic chemistry - GCSE Chemistry (Single Science) Revision - AQA - BBC Bitesize GCSE Chemistry (Single Science) - AQA - BBC Bitesize</p>	<p>Convex and concave lenses - Lenses - AQA - GCSE Physics (Single Science) Revision - AQA - BBC Bitesize</p>
	<p>C18 Triples only Chemical Analysis (10) GCSE Chemistry (Single Science) - AQA - BBC Bitesize</p>	
	<p>C19- Water Treatment and LCAs (5) Using resources - GCSE Chemistry (Single Science) Revision - AQA - BBC Bitesize Using resources - GCSE Combined Science Revision - AQA Trilogy - BBC Bitesize</p>	

November and February PPe 2 and 3 assessment