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|  In Year 10 and 11 students will have 7 regular science lessons per week. Our curriculum is based on the AQA KS4 Combined Science: Trilogy Curriculum. In both years, we re-explore and develop a range of modules that students have been introduced to in year 7, 8 and 9, splitting these into the distinct disciplines of Biology, Chemistry and Physics. Students will be given the opportunity to explore their ideas and questions, follow the evidence from results and question everything. Some students may choose to focus solely on GCSE Biology later in the academic year.For more detailed information, please click here: <https://www.aqa.org.uk/subjects/science/gcse/combined-science-trilogy-8464> |
| Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 |
| Topic B77.1.1 Communities/Competition7.1.2 Abiotic factors7.1.3 Biotic factors7.1.4 Adaptations7.2.1 Levels of organisation7.2.2 How materials are cycled - water7.2.2 How materials are cycled - carbon | Topic B7BIO Decomposition BIO Impact of environmental change7.3 Biodiversity and the effect of human interaction on ecosystems7.3.1 Biodiversity | Topic B7Field CourseBIO Ecology techniquesDecomposition BIO Impact of environmental change7.3 Biodiversity and the effect of human interaction on ecosystems7.3.1 Biodiversity | Topic B77.3.2 Waste management7.3.3 Land use7.3.4 Deforestation7.3.5 Global warming7.3.6 Maintaining biodiversityBIO Trophic levels BIO Pyramids of biomass BIO Transfer of biomass BIO Factors affecting food security BIO Farming techniques BIO Sustainable fisheries BIO Role of biotechnology | Topic B33.1.1 Communicable (infectious) diseases3.1.2 Viral diseases3.1.3 Bacterial diseases3.1.4 Fungal diseases3.1.5 Protist diseases | Topic B33.1.6 Human defence systems3.1.7 Vaccination3.1.8 Antibiotics and painkillers | Topic B33.1.9 Discovery and development of drugsXX Producing monoclonal antibodies BIOXX Uses of monoclonal antibodies BIO (HT only)XX Detection and identification of plant diseases BIOXX Plant defence responses BIO | Topic B3Revision and testing B7 and B3 |
| End of topic tests based on past exam questions covering both Foundation Tiers and Higher Tiers. |