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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 |  |
| Topic B3  3.1.6 Human defence systems  3.1.7 Vaccination  3.1.8 Antibiotics and painkillers | Topic B3  3.1.9 Discovery and development of drugs  XX Producing monoclonal antibodies BIO  XX Uses of monoclonal antibodies BIO (HT only) | Topic B3  XX Detection and identification of plant diseases BIO | Topic B4  4.1.1 Photosynthetic reaction  4.1.2 Rate of photosynthesis  4.1.3 Uses of glucose from photosynthesis | Topic B4  4.2.1 Aerobic and anaerobic respiration  4.2.2 Response to exercise  4.2.3 Metabolism | Topic B4  Mock exams for Year 11 to cover B1, B2, B3, B4 and B7 | Review of mock exam |  |
| End of topic tests based on past exam questions covering both Foundation Tiers and Higher Tiers. | | | | | | | |