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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 |  |  |
| Topic C7/87.1.1 Crude oil, hydrocarbons and alkanes7.1.2 Fractional distillation and petrochemicals7.1.3 Properties of hydrocarbons7.1.4 Cracking and alkenes8.1.1 Pure substances8.1.2 Formulations8.1.3 Chromatography8.2.1 Test for hydrogen8.2.2 Test for oxygen8.2.3 Test for carbon dioxide8.2.4 Test for chlorine | Topic B44.1.1 Photosynthetic reaction4.1.2 Rate of photosynthesis4.1.3 Uses of glucose from photosynthesis | Topic B44.2.1 Aerobic and anaerobic respiration4.2.2 Response to exercise4.2.3 Metabolism  | Topic B55.1 Homeostasis5.2.1 The human nervous system - Structure and Function | Topic B55.3.1 Human endocrine system5.3.2 Control of blood glucose concentration | Topic B55.3.3 Hormones in human reproduction5.3.4 Contraception5.3.5 The use of hormones to treat infertility (HT only)5.3.6 Negative feedback (HT only) |  |  |
| End of topic tests based on past exam questions covering both Foundation Tiers and Higher Tiers. |