**Year 10**

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| GCSE Biology 8461 - <https://filestore.aqa.org.uk/resources/biology/specifications/AQA-8461-SP-2016.PDF> |
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| Half term | Autumn 1 | Autumn 2 | Spring 1 | Spring 2 | Summer 1 | Summer 2 |
| Content | **Biology**  Respiration  Hormones in Reproduction | **Biology**  DNA and Inheritance  Cell division | **Biology**  Human Defences  Communicable Diseases | **Biology**  Genetic Engineering and Microbes  **Required practical:**  Investigating the effect of antiseptics or antibiotics on bacterial growth | **Biology**  Biodiversity | **Biology**  Photosynthesis  **Required Practical:**  Investigate the effect of light intensity on the rate of photosynthesis |
| Assessment | Assessment on  Respiration and hormones in reproduction | Assessment on DNA, inheritance and cell division | Assessment on Human defences and Communicable Diseases | Assessment on Genetic engineering and microbes | Assessment on Biodiversity | Assessment on photosynthesis |

**Year 11**

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| GCSE Chemistry 8461- <https://filestore.aqa.org.uk/resources/biology/specifications/AQA-8461-SP-2016.PDF> |

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| Half term | Autumn 1 | Autumn 2 | Spring 1 | Spring 2 | Summer 1 | Summer 2 |
| Content | **Biology**  .  Plants  **Required practical:**  Investigating the Investigate the effect of a range of concentrations of salt or sugar solutions on the mass of plant tissue  **Required practical:**  Investigating the effect of light or gravity on the growth of newly germinated seedlings | **Biology**    The Human Nervous System  Reproduction  **Required practical:**  Investigating the effect of a factor on human reaction time | **Biology**  Homeostasis  Hormonal control | **Biology**  Speciation and Evolution  Health Issues | **Biology**  Revision of How Science Works (HSW)  Past Paper practice |  |
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| Assessment | **Mock**  **Biology. To include content from paper 1 and paper 2.** | Test on plants, the human nervous system and reproduction | **T**est on Homeostasis and Hormonal Control | **Mock**  **Biology. To include content from paper 1 and paper 2.** | Test on HSW, speciation evolution and health issues |  |