**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**RespirationHormones in Reproduction | **Biology**DNA and InheritanceCell division | **Biology**Human DefencesCommunicable 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 SystemReproduction **Required practical:** Investigating the effect of a factor on human reaction time | **Biology**HomeostasisHormonal control | **Biology**Speciation and EvolutionHealth 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 |  |