



| YEAR | TOPICS   |   | TERMLY INDEPENDENT WORK  |
|------|--|---|--|
| 9    | 1) Photosynthesis<br>2) AQA GCSE biology unit 4.1.1 Cell structure<br>3) AQA GCSE biology unit 4.1.2 Cell division<br>4) AQA GCSE biology unit 4.1.1 Transport in cells  |   | 1) All revision programs are designed to be independent and build independent thinking and revision skills<br>2) Independent research of the human nervous system and reaction testing investigation   |
| 10   | If completing double award Combined science;<br>1) AQA GCSE biology unit 4.2.1 Principles of organisation<br>2) AQA GCSE biology unit 4.2.2 Animal tissues, organs and organ systems<br>3) AQA GCSE biology unit 4.2.3 Plant tissues, organs and systems<br>4) AQA GCSE biology unit 4.3.1 Communicable diseases<br>5) AQA GCSE biology unit 4.4.1 Photosynthesis<br>6) AQA GCSE biology unit 4.4.2 Respiration<br>7) AQA GCSE biology unit 4.5.1 Homeostasis<br>8) AQA GCSE biology unit 4.5.2 Human nervous system | If completing separate sciences;<br>1) AQA GCSE biology unit 4.2.1 Principles of organisation<br>2) AQA GCSE biology unit 4.2.2 Animal tissues, organs and organ systems<br>3) AQA GCSE biology unit 4.2.3 Plant tissues, organs and systems<br>4) AQA GCSE biology unit 4.3.1 Communicable diseases<br>5) AQA GCSE biology unit 4.3.2 Monoclonal antibodies<br>6) AQA GCSE biology unit 4.3.3 Plant disease<br>7) AQA GCSE biology unit 4.4.1 Photosynthesis<br>8) AQA GCSE biology unit 4.4.2 Respiration<br>9) AQA GCSE biology unit 4.5.1 Homeostasis<br>10) AQA GCSE biology unit 4.5.2 Human nervous system | 1) All revision programs are designed to be independent and build independent thinking and revision skills<br>2) Independent communicable diseases research and presentations<br>3) Independent planning for rate of photosynthesis practical<br>4) Independent health risk-factors and cancer research and presentation |
| 11   | If completing double award Combined science;   | If completing separate sciences;  |  |



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|  | <ol style="list-style-type: none"><li>1) AQA GCSE biology unit 4.5.3<br/>Hormonal coordination in humans</li><li>2) AQA GCSE biology unit 4.6.1<br/>Reproduction</li><li>3) AQA GCSE biology unit 4.6.1.6<br/>Genetic inheritance</li><li>4) AQA GCSE biology unit 4.6.2<br/>Variation and evolution</li><li>5) AQA GCSE biology unit 4.6.4<br/>Classification</li><li>6) AQA GCSE biology unit 4.7<br/>Ecology</li></ol> | <ol style="list-style-type: none"><li>1) AQA GCSE biology unit 4.5.3<br/>Hormonal coordination in humans</li><li>2) AQA GCSE biology unit 4.5.4 Plant hormones</li><li>3) AQA GCSE biology unit 4.6.1.DNA structure</li><li>4) AQA GCSE biology unit 4.6.1.6<br/>Genetic inheritance</li><li>5) AQA GCSE biology unit 4.6.2<br/>Variation and evolution</li><li>6) AQA GCSE biology unit 4.6.2.5<br/>Cloning</li><li>7) AQA GCSE biology unit 4.6.3<br/>Theory of evolution</li><li>8) AQA GCSE biology unit 4.6.4<br/>Classification</li><li>9) AQA GCSE biology unit 4.7<br/>Ecology</li></ol> | <ol style="list-style-type: none"><li>1) All revision programs are designed to be independent and build independent thinking and revision skills</li><li>2) Independent ecology project and presentation</li></ol> |
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**PLEASE NOTE:**

- This overview sets out a general summary of the basic curriculum taught. It is not an exhaustive list of what may be taught and subject teachers may follow the above in a different order. Further details may be obtained from the Head of Department, if required.
- The Independent Work indicated represents core, headline tasks per term; weekly/fortnightly independent/home work is set in all subject areas, and details are noted in Pupil Planners.