**Biology- Exam Board: AQA**

**Advanced Subject Information Link:**

**Subject Overview (coursework/exam split, timings, weightings etc.):**

Students will sit all 6 exams in May/June of the summer term. There is no practical mark that contributes to the overall mark and each 100 mark paper will lead to a total scaled mark of 200. The qualification will be graded on a nine-point scale: 1 – 9 – where 9 is the best grade.

A student taking Foundation Tier assessments will be awarded a grade within the range of 1 to 5. Students who fail to reach the minimum standard for grade 1 will be recorded as U (unclassified) and will not receive a qualification certificate.

A student taking Higher Tier assessments will be awarded a grade within the range of 4 to 9. A student sitting the Higher Tier who just fails to achieve grade 4 will be awarded an allowed grade 3. Students who fail to reach the minimum standard for the allowed grade 3 will be recorded as U (unclassified) and will not receive a qualification certificate.

- Written exam: 1 hour 45 minutes
- Foundation and Higher Tier
- 100 marks
- 50% of Biology GCSE

Examination Y11 Summer 2022 Key Topics:
AQA | GCSE | Biology | Changes for 2022

Paper 1:

• 4.1.1 Cell structure
• 4.1.3 Transport in cells
• 4.2.2 Animal tissues, organs and organ systems
• 4.2.3 Plant tissues, organs and systems
• 4.3.1 Communicable diseases
• 4.3.2 Monoclonal antibodies

• Required practical activity 1: use a light microscope to observe plant cells.
• Required practical activity 3: investigate the effect of a range of concentrations of salt solution on the mass of plant tissue.
• Required practical activity 4: use qualitative reagents to test for a range of carbohydrates, lipids and proteins.

Paper 2
• 4.5.2 The human nervous system

• 4.5.3 Hormonal control in humans
• 4.5.4 Plant hormones
• 4.6.1 Reproduction
• 4.7.2 Organisation of an ecosystem

• Required practical activity 8: investigate the effect of light on the growth of newly germinated seedlings.
• Required practical activity 9: measure the population size of a common species in a habitat.

Useful websites:

www.tassomai.com

www.freesciencelessons.co.uk

https://www.bbc.com/bitesize/subjects/zs6hvcw

www.physicsandmathstutor.com

www.aqa.org.uk

Useful resources:

- Knowledge Atlas
- AQA Science revision guide
- AQA past paper exam questions
- Required practical booklet (including past exam paper questions)

Useful revision tips:

- Making use of flash cards
- Completing mind maps helps to identify areas of weakness within a topic
- Complete as many past paper exam questions as possible
- Spend time analysing mark schemes and get familiar with exam technique
- Use of quick quizzes to help to recall key points of information
- Start revision as early as possible as leaving it too late often results in cramming
- Get used to working under correct timings i.e. 1 mark per minute