**Biology – A-Level**

**Course Title**

Biology

**Awarding Body**

AQA

**Course Description**

A level Biology explores the theories and principles involved in all living systems. You will cover a broad range of biology, including lifestyle, transport, genes and health, development, plants and the environment, practical biology and research skills, the natural environment and species survival, energy, exercise and co-ordination and practical biology and investigative skills. You will not only learn the content but develop transferable skills which can applied to any subject. The qualification is designed for post-16 learners who aim to progress to higher education and can be used as a springboard for any course.



**Course Content**

Students will study:

1. Biological molecules.

2. Cells.

3. Organisms exchange with the

 environment.

4. Genetic information, variation and

 relationships between organisms.

5. Energy transfers.

6. Organism response to change.

7. Genetics, populations, evolution and

 Ecosystems.

8. The control of gene expression.

**Assessment**

Throughout the course students will be provided with continuous support, guidance and examination practice to allow them to succeed during assessment.

3 exam papers, each 2 hours long, and you shall be assessed on your practical skills.

**Progression Routes**

A Level Biology is a good academic option which combines well with many other subjects, science and non-science based, providing a firm foundation for those who wish to continue to higher education. Biology is necessary for many careers, including Dentistry, Animal Behaviour/Training, Science Education, Pharmacist, Medicine, Biometrics & Robotics, Health Care Professional. Many employers, for those who wish to seek employment, also hold it in high regard.