

Y9 CURRICULUM

Students begin their GCSE course in Y9. They are taught topics that are components of the new AQA GCSE “Trilogy” specification. The topics covered in Y9 include:

- An understanding of the key aspects of “How Science Works”. This covers the construction of tables and graphs in accordance with the Institute of Biology guidelines as well as the evaluation and interpretation of data.
- The biochemistry of respiration and the transfer of energy by cells during aerobic and anaerobic conditions.
- The circulatory system to include the structure of the heart and blood vessels, components of the blood and an introduction to diseases of the heart and their management.
- Discussion of adaptations of plants and animals to their environment incorporating an educational visit to Chester Zoo in June.
- An introduction to ecology.