



Curriculum Overview

Subject: Science

Science is recognised nationally as being a core subject area. Engaging students in Science allows them to question the world around them and to explore it in more detail. It encourages the transfer of skills incorporating both literacy and numeracy. Involving students in 'hands on' activities motivates them and can facilitate them in reaching their full potential.

Key Stage 3:

Over the course of Key Stage 3 students use key scientific ideas to support their understanding of how the world works. All of the three branches of Science are covered: Biology, Chemistry and Physics. Students will be given the opportunity to use a range of equipment and conduct simple experiments. Scientific thinking skills are developed from Year 7 upwards. This process of logical thought is a key cross curricular skill.

Students will explore a wide range of subjects from diseases and microbes, to planets and forces. Their curiosity of the world is used to fuel further learning. Progress is supported by outside learning and activities off site.

Key Stage 4:

Students in Key Stage 4 work towards achieving a formal Accreditation at an appropriate level.

Entry Level Certificate students have increased access to the purpose built Science Laboratory and benefit from more specialised apparatus.

Students undertaking the Transition Challenge Award receive a holistic and adaptable approach. Allowing them to understand how Science fits into the curriculum as a whole and its relevance to their daily life.

Accreditation:

- AQA Entry Level Certificate
- AQA Unit Awards
- Transition Challenge