

GCSE Combined Science



ALSOP HIGH SCHOOL

AIM:

This course is aimed at all pupils. As well as providing pupils with nationally recognised, high quality qualifications, it provides a basis for further study of science. You will study Biology, Chemistry and Physics

Where will it take you?

Following this course provides a good foundation for studying sciences post 16, in particular A level in Biology, Chemistry or Physics. This provides a route for pupils considering a career in science e.g. as a Doctor, Vet, Dentist, Physiotherapist, Teacher or Engineer.

Science education develops a wide range of skills and opportunities that will prepare students for almost every career path. Apart from the obvious science based careers, you may be surprised to hear that the skills you gain from studying science will open up opportunities in areas that are not obviously science related. For example: Finance; Teaching; Marketing; Patent Law; Photography; Art Restoration; Media and Film Production and Food Technology.

What will you learn?

Students study areas of science including the immune system, the effects of drugs and alcohol, atomic structure, the greenhouse effect, electricity, nuclear physics and forces. A portion of the course focuses on the practical application of scientific skills.

How will you learn?

Lessons are taught through scientific theory, practical work and investigations.

What skills will you need to be successful in this subject?

The content covered in the course is vast but it is broken down into smaller topics and provided you are methodical in your approach, you will be successful. You will need to have an inquisitive mind and, if relevant, use your previous experiences to help you process the new information given during the course. Organisation will help you keep notes clear and concise so that revision is easier. Being willing to make mistakes and learn from them is important.

What homework can you expect?

Pupils can expect to receive weekly homework, usually focused on past exam questions, but sometimes research based.

Additional requirements

Pupils must be willing to carry out practical work. Pupils must also be willing to attend booster sessions in order to prepare them for their exams.

For further information please see Mrs Bohan