6 FORM

Subject Information Sheet

Scan Me

Advanced Level

CHEMISTRY

Course Aims:

Chemistry is a rewarding but demanding course, which sets the subject within a relevant and modern-day framework. It suits those of you who like to ask the questions 'why','how' and 'what' and are keen to find out the answers. The key emphasis is on an enjoyable challenge throughout the course, combining topics which stretch even the most able with a healthy dose of traditional investigative Chemistry where pupils learn the skills of working in a lab hands-on.

Chemistry remains one of the most highly regarded A levels by top universities which one can study.

Course Content and Assessment:

Assessment is through three externally set papers:

Paper 1
- Inorganic chemistry
- Relevant practical skills
- Written exam: 2 hours
- 105 marks
- 35% of A Level

Paper 2
- Organic chemistry
- Relevant practical skills
- Written exam: 2 hours
- 105 marks
- 35% of A Level

Paper 3
- Any content
- Any practical skills
- Written exam: 2 hours
- 90 marks
- 30% of A-Level

A Level Overview:

Year 12 content
- Physical chemistry
- Inorganic chemistry
- Organic chemistry

Year 13 content
- Organic chemistry with relevant physical chemistry and practical skills
- Organic chemistry with relevant physical chemistry and practical skills

The full breakdown of the subject content (page 7) can be found by scanning the qr code below:

Learning Methods:

Chemistry is taught through classroom discussion, class activities, assignments research, flipped learning, modelling and also by carrying out scientific investigations, some of which are required by AQA exam board. A level chemistry is well resourced with AQA textbook, CPG revision guide, Kerboodle online resources and Seneca learning. All teaching resources, including powerpoint presentations and recorded lessons are shared with students.

Career Opportunities:

Chemistry is a very important subject in its own right, but it is also extremely useful for those who wish to pursue a career in the medical field or anything involving materials. In addition, teaching and journalism as well as careers in business benefit from the rigours of a chemical scientific background. The course prepares students for both study in Chemistry and related sciences, pure or applied, at University and also for work in science related industry.

Entry Requirements:

Normal Sixth Form requirements:

- Grade 5 or above in English and Maths.
- Grade 6 or above in Science.

Staff Contacts

Mrs McCarthy - Assistant Headteacher Key Stage 5

Mrs Boyton - Student Development Champion Key Stage 5

Miss Biswas - KS5 teacher

Web link address:
www.basildonupperacademy.org.uk/sixthform