

# A-LEVEL



TO LEARN TO ACHIEVE

# CHEMISTRY

## Contact

Please do not hesitate to contact us if you would like to find out more information on Chemistry at Bosworth Academy using the contact information below:

**Sitel Patel**

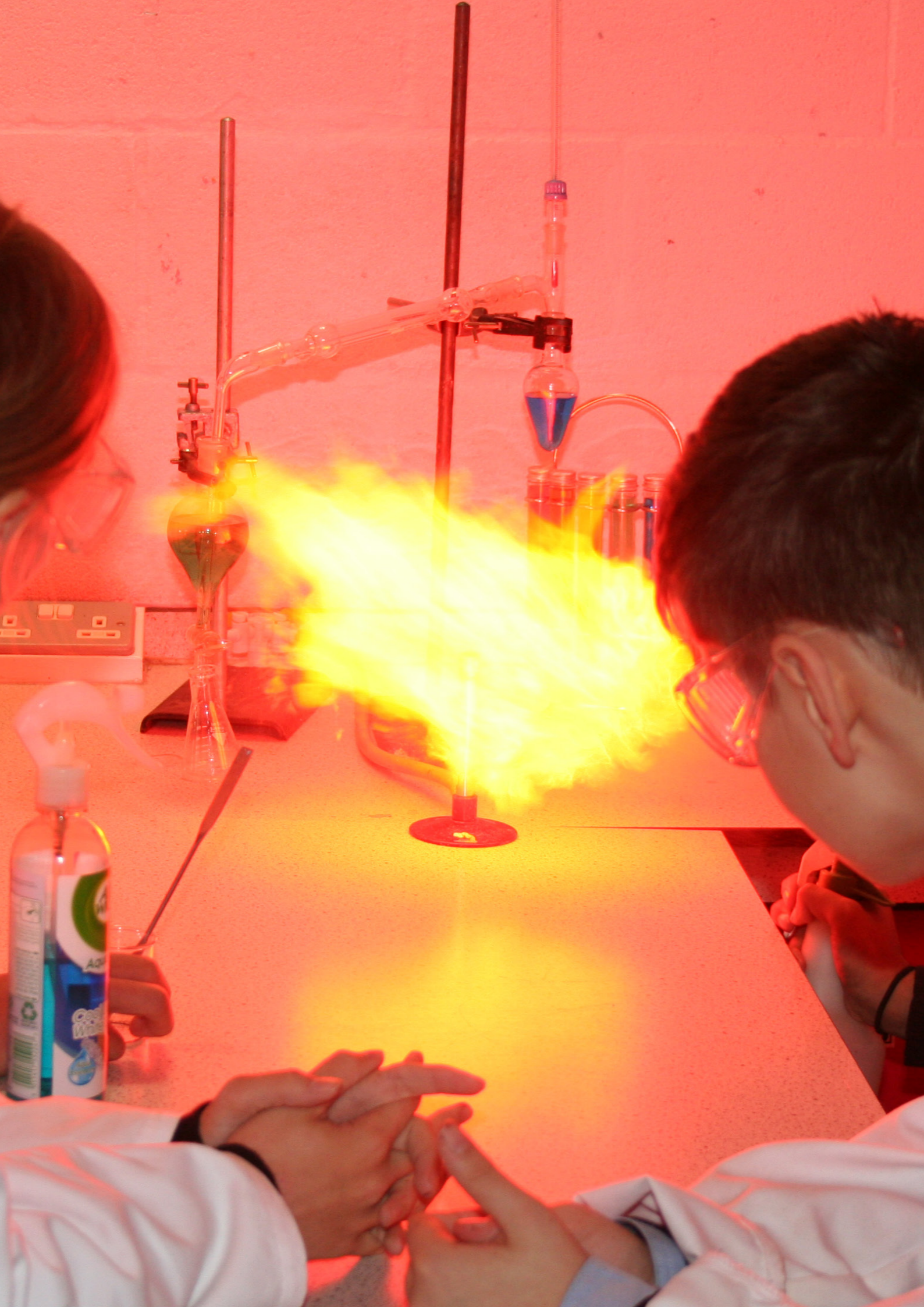
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Whole  
Education  
Pathfinder School





# A-LEVEL CHEMISTRY

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## EXAM BOARD: AQA

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## WHAT DO I NEED TO KNOW OR BE ABLE TO DO BEFORE TAKING THIS COURSE?

Students studying GCSE Combined Science need to have achieved a minimum Grade 6-6. Students studying GCSE separate Sciences need at least two Grade 6s and a Grade 5 (with one of the 6s being in Chemistry).

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## WHAT WILL I LEARN ON THIS COURSE?

This course aims to:

- Stimulate and sustain your interest in, and enjoyment of Chemistry.
  - Develop essential knowledge and understanding of Chemistry.
  - Provide exciting and new techniques and lab skills for you to develop during practical work.
  - Give you an appreciation of the contributions of Chemistry to society and everyday life.
  - Give you awareness of how advances in Information Technology and instrumentation are used in Chemistry.
  - Plan and investigate your own ideas to solve a chemical problem.
  - Provide opportunities for you to bring together knowledge of how different areas of Chemistry relate to each other.
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## WHAT KIND OF STUDENT IS THIS COURSE SUITABLE FOR?

Chemistry AS/A Level is suitable for students who:

- Have an interest and enjoyment of Chemistry.
  - Enjoy carrying out investigations using imaginative and logical thinking.
  - Would like to explain unfamiliar phenomena using their knowledge of Chemistry.
  - Want to use Chemistry to support other qualifications.
  - Want to use Chemistry to progress onto further studies such as a degree at university or to seek employment.
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## WHAT COULD I GO ON TO DO AT THE END OF MY COURSE?

- Follow a degree in Chemistry, Medicine, Pharmacy, Environmental Science, Chemical Engineering, or most other degrees.
- Follow a higher national diploma programme in Applied Chemistry and related programmes, such as Sports Studies, Beauty Therapy, Applied Biology, Animal Management, Horticultural or Countryside Management.
- Seek employment in many other areas: Lab technician, Pharmacist, Brewer, Forensic Scientist, Lawyer, Marine Scientist, Pollution controller and many others.