

Chemistry

Head of Chemistry: Mr Laurie Ison

E: lison@ksw.org.uk

Why King's?

Facilities

- Four dedicated teaching laboratories
- Well-resourced with specialist equipment and chemicals
- Enthusiastic subject specialist teaching staff

Highlights

- Dynamic teaching
- University lectures and trips.



Why chemistry?

Chemistry is a fascinating and engaging subject that helps us understand how the universe works.

From cooking food to powering our iPhones to designing the medicines we take, chemistry is involved in everything that we do. It will also help us to answer some of the biggest issues that the world faces such as climate change, plastic pollution, energy shortages and fighting diseases.

Our approach

At King's, we keep the teaching of Chemistry relevant and, wherever possible, link it to real life situations. We want our pupils to understand the world around us and to be inspired to solve the unsolved.

Our department is well-resourced with chemicals, equipment and a specialist team of enthusiastic teachers,

“ The aim is to foster enjoyment and positive attitudes to Chemistry through a practical approach. ”

Academic Performance

78% A*-C

Chemistry A Level

84% 9-5

Chemistry IGCSE

2019 results used as these are exam grades and not centre assessed.



and we pride ourselves on giving pupils every chance to maximise their potential and discover a love for the subject. Most importantly, the Chemistry department is a welcoming and happy place, where pupils feel able to question their understanding and explore beyond the syllabus. There is a reason for our popularity!

Challenge

We also challenge pupils to push the boundaries of the syllabus and encourage a proactive approach to learning. We have a 'can do' attitude in our delivery and set high standards for all our students at every level.

We adopt a practical, skills-based approach to learning, after all chemistry is a practical subject. Our schemes of work are focused around practical opportunity at every level of study. We believe pupils learn best with a hands-on approach.

Beyond

From university lectures to chemistry Olympiads, we encourage our students to go beyond chemistry in the classroom. Regardless of post 18 outcomes, we hope to install a life long love of learning in our students. Chemistry or natural sciences are a popular university course for King's pupils and we support pupil's extensively in their applications.