

## DEPARTMENT DETAILS



### **Teacher of Science – Physics or Chemistry: (Permanent Contract)**

#### **Welcome**

I would like to thank you for your interest in applying for the above post. You now have the opportunity to join a thriving and very successful department built upon relationships of mutual respect between students and staff alike. Having had the chance to read our recruitment pack and find out a little bit more about our school and our department, I very much look forward to receiving your application.

#### **Staffing**

The Science Department is made up of a strong team of 15 specialist teachers. It is a very friendly and extremely supportive group of colleagues. The Science department has 8 fully equipped lab rooms with access to ICT resources when required.

#### **Results**

Our GCSE results have been consistently high year on year and in August 2022 our students achieved:

- Over 90% at grade 4 or above in Biology, Chemistry and Physics GCSE
- At A Level 95% pass rate in Biology, 92% in Chemistry and 100% in Physics.

#### **Our Curriculum**

At the core of our ethos in the Science Department is the drive to inspire, motivate and support students in their learning throughout their time in school. We aim to educate and inspire an appreciation of the application of science in the modern world. We believe that through an engaging curriculum we can encourage pupils to reflect on the world in a meaningful and critical way and increase their cultural capital through their exploration of various scientific texts.

Throughout the major curriculum reforms of GCSE and A-level, this philosophy has been central to our ethos. Despite our successes, the department is always reflecting on practice and looking at opportunities to improve the experience of Science for our students.

Through this philosophy, we will aim to:

- Ensure that teaching and learning in Science lessons is of a high quality, meets the needs of our students and is in accordance with the examination board specification.
- Provide high challenge and expectations for all abilities and allow students opportunities to celebrate their success and recognise individual achievement.
- Instil a life-long love of critical analysis and develop resilience when faced with challenging content.

- Give students the opportunity to develop their love of science through attending a range of different non-classroom based experiences.
- Develop and refine our students' use of scientific language, promoting vocabulary acquisition within the field of science.
- Ensure that lessons provide students with opportunities for personal growth, developing moral and social awareness.
- Function as a team in developing and sharing common approaches to the teaching of science, working in collaboration with other schools.
- Contribute fully to the life and work of the School.
- Enhance students' creativity and enjoyment of science
- Provide regular enrichment activities through educational visits and projects
- Utilise the latest pedagogical research, in order to inform teaching strategies and lesson design.

**At Key Stage 4** we follow the Edexcel Specification

**At Key Stage 5** we follow the following Specifications:

Biology – OCR  
Chemistry – Edexcel  
Physics – AQA

Thank you once again for your interest in the post.

Evelyn Shore

**Head of Science**

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