Teacher of Mathematics - (Permanent Contract)

**Full-Time or Part-Time**

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 highly successful Mathematics 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 mathematics department is made up of a dedicated team of ten specialist teachers. It is a very friendly and extremely supportive group of colleagues.

**Results:**

Our results have been consistently high year on year and in August 2023 our students achieved:

* 77% at grade 4 and above– GCSE Mathematics
* 31% at grade 7 and above– GCSE Mathematics
* At A Level 86% at grades A\*-C
* At A Level 35% at grades A\*-A

We also support the provision of A/AS level Further Mathematics and Level 3 Mathematics in Context in the school, which is again highly successful. Results in 2023 were excellent with 83% of the cohort achieving A in AS Level Further Mathematics, and 83% A-B in Level 3 Mathematics in Context.

**Our Curriculum:**

At the core of our ethos in the Mathematics Department is the drive to inspire, motivate and support students in their learning throughout the school but also to inspire an appreciation of the beauty of mathematics. We believe that through an engaging curriculum we should provide students with the skills to appreciate the world around them, to organise and reason arguments mathematically, to tackle problems confidently, and have a curiosity to explore more of the subject. These principles form the basis of our ethos in the mathematics department, and the rationale behind our curriculum. The department is always reflecting on practice and looking at opportunities to improve the experience of mathematics for our students.

We will aim to:

* Ensure the teaching and learning in mathematics lessons is of high quality, meets the needs of our students and is in accordance with the National Curriculum
* Deliver a structured curriculum with carefully sequenced elements, allowing fundamental skills to be secured at first, and focusing on learning topics in depth.
* Design lessons to meet the needs of students, taking into account current levels of understanding and providing different representations of mathematical ideas to facilitate the building of new understanding, ensuring students are developing mathematical fluency.
* Use resources to provide opportunities for students to build procedural and conceptual understanding simultaneously.
* Highlight and emphasise the connections between different areas of mathematics.
* Provide high challenge and expectations for all abilities and allow students opportunities to celebrate their success and recognise individual achievement.
* Provide regular enrichment activities through maths challenges, maths young leaders and through trips.
* Utilise the latest pedagogical research, in order to inform strategies and lesson design.
* Instil a life-long love of mathematics and develop resilience when faced with challenging problems.

**At Key Stage 3** we offer a rich and varied curriculum and focus on mastery through topics that form the big ideas in mathematics and those that unlock success in KS4. We spend time studying topics such as fractions, ratio and manipulating algebra.

**At Key Stage 4** we follow the Edexcel specification and offer the AQA Level 2 Further Mathematics qualification as a supported self-study GCSE.

**At Key Stage 5** we follow the OCR MEI specification. Students will study pure mathematics, mechanics, and statistics as part of this A-Level. Further Maths AS/A Level is also offered, as well as the Level 3 qualification of “Mathematics in Context”.

Hopefully, this gives you an insight into the department.

Best wishes and I look forward to receiving your application.

Sead Sarcevic

Head of Mathematics

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