

## The Mathematics Department

The mathematics department is an experienced and stable team of eight teachers. This vacancy has arisen due to the relocation of one of our teachers back to Yorkshire. All of our teachers are experienced practitioners with at least five years' teaching experience. We have experience in mentoring and coaching colleagues, both within the department and across the school. For example, we have in recent years mentored trainee teachers, and a member of our team is currently coaching a cover supervisor to support them in developing their classroom practice.

We've invested heavily in curriculum development over the past two years. We have well-sequenced and detailed curriculum plans in place to support teaching and access to high-quality centralised resources. Our teachers are free to develop their own resources matched to our curriculum plans. We value creativity, but can always rely on good quality materials held centrally as we prioritise supporting workload and staff wellbeing.

We have dedicated development time for collaborative planning within the team. This supports intellectual preparation for teaching and contributes to a strong culture of mutual support.

In Key Stage 3 (Years 7-9) we set students by ability from Year 7 onwards. We are developing a mastery approach by embedding the four principles of mastery teaching (representation and structure, mathematical thinking, variation & fluency) in our schemes of learning and resources, ensuring we have flexibility in our curriculum maps so that teachers can ensure content is learned rather than just taught through a small steps approach. To support our professional learning in this area we have accessed and provide high-quality CPD provided by our local maths hub to develop our expertise in mastery. We're committed to providing excellent CPD for our teachers, both through our in-school provision and use of external providers, in maths and wider professional qualifications such as NPQs.

In Key Stage 4 we follow the national curriculum and the examined syllabus set out by Edexcel. In Key Stage 5, we teach the Edexcel A-Level, and offer Further Maths where appropriate.

We have invested in high-quality platforms to support home learning. Sparx Maths is now well-embedded within the curriculum and provides personalised homework activities that are predominantly self-marking, as well as informing our 'Do Now' activities for future lessons. These activities mean we have calm and purposeful starts to lessons with strong routines leading to excellent behaviour for learning. Our students are hard-working and respectful but if they do get things wrong, you'll find a leadership team within maths, and pastoral and senior teams across the school, that are proactive in supporting teachers and demanding high standards from students. We run centralised detentions to help with workload and will always support colleagues in implementing our behaviour policy consistently.

The maths team has a linked cover supervisor who covers most of our lessons in the event of absence. This means you're likely to know who is taking your class and can build a strong working relationship with them over time which will also benefit your students in your absence. They also support with administration across the department.

We're keen to support the career development of all members of our team regardless of career stage, through ongoing training and opportunities for promotion. We currently have posts of responsibility at KS3 and KS5 in maths as well as a wide range of whole-school responsibility posts related to curriculum and pedagogy, pastoral care and personal development.

All teachers have their own dedicated classroom for every lesson, meaning you won't be moving around the school. All classrooms are equipped with a teacher PC/projector and visualiser and we have a set of laptops for student usage where needed. We are currently developing our blended learning strategy as a school and will be rolling out a 1:1 chromebook programme for students from Year 7 from September 2023.

Finally, we're a supportive and sociable team who enjoy spending time together each day. As well as using our team room at break and lunchtimes, we also have a special team lunch each Friday where we bring in food to share together and have termly maths team socials. Some of the team play staff sports each Friday and we also attend the monthly Drinks and Dialogue staff gathering.

We hope this has given you a useful insight into what it would be like to join our team. We look forward to meeting you.