

## Mathematics Department

This thriving department has the opportunity for a new member to join our team, this currently consists of 8 full time and 2 part-time members of staff. All are specialist teachers of Mathematics and create a vibrant department within the school. In addition, we have a Curriculum Support Assistant specific to the Maths department. We are looking for someone to join and contribute to our teamwork ethic and support the department in our ongoing success.

As a very successful department, we pride ourselves on our strong team spirit and our willingness to support both students and each other, providing a stimulating and collaborative learning environment in which all students are encouraged to achieve their potential.

We take part in UKMT Mathematics Challenges annually with all year groups and our students enjoy the participation and challenge it sets them.

We utilise the Sparx Maths homework system to consistently deliver bespoke weekly homework to all of our students in Key Stages 3 to 4. We saw great success with the system last year and as such are in the process of moving Key Stage 3 over to the Sparx curriculum. In September 2025 Years 7 and 8 will be following this curriculum and assessment schedule.



### Key Stage 3

In Years 7-9, the use of interactive material is well established, linking the Numeracy framework with whole school teaching and learning methodologies in a positive manner. We have full integration of ICT as a teaching tool, with interactive boards regularly used to enhance the learning environment. The preparedness for the transition to Key Stage 4 reflects the outcomes of this dynamic approach.

We lead activities designed to engage our younger learners in the beauty of Mathematics and its functions in the real world. Each year, all Year 8 students participate in a **Maths in the Workplace** morning where guest speakers from a wide variety of career backgrounds present to our students the usefulness and applications of Mathematics in their everyday work.

In Year 7 our cross-curricular morning successfully invigorates learning by blending Maths, Dance, and Music. Students actively engaged with mathematical concepts like pattern, sequence, and spatial awareness, not just

