

The Bemrose School: Mathematics Area

The present mathematics team is comprised of 9 teachers and is supported by an HLTA alongside teaching assistants. In addition to the Head of Maths there are two other second in area with related TLRs. We are a committed team who strive to provide high quality learning experiences both in and outside the classroom. We work collaboratively to devise schemes of work and colleagues share resources willingly with one another.

In the secondary phase we deliver mathematics throughout year 7 to 13. In years 7, 8 we give students a solid foundation to build upon. From year 9 we follow AQA mathematics with everyone whilst the Entry Level Certificate is completed in addition with some pupils. In Year 11 each class has a bespoke scheme of work where gaps in knowledge are filled following question level analysis undertaken from various past assessments. GCSE further maths is also offered as an option at KS4.

Tracking of student progress is rigorous, well developed and regular, supplementing whole school systems to ensure that interventions are effectively deployed. We make use of intervention opportunities, breakfast clubs and after school targeted revision sessions as appropriate.

The department is well resourced and is housed in a modern suite of adjacent rooms all of which have EV Screens. Each room is equipped with standard mathematical equipment and each member of staff has their own laptop. There is access to IT facilities, either by booking out the dedicated ICT suites or the accessing the laptops brought to the classrooms, some of which have specific mathematical software installed. The creative use of ICT in lessons is encouraged and welcomed.

Extra-curricular provision is considered extremely important for our students. Trips are organised on a regular basis and have included visits to local universities and to Inspiration events as well as Rolls Royce, who come in to tutor our year 11 students.

We enter the UKMT maths challenges each year at junior and intermediate levels as well as the junior team challenge. Many of our students are proud to be known as good mathematicians. We also work closely with the science and technology departments to offer STEM related events and have a new numeracy policy.

We offer Further maths in Year 11 and are planning for A Level maths to be relaunched in September 2023.

The team has excellent links with the University of Nottingham and Derby and has a very good track record of nurturing ITT, PGCE and Teach First colleagues as well as ECT colleagues. We are a supportive and welcoming team who are open to ideas and like to be creative.