

## **The Bemrose School: Mathematics Area**

The present mathematics team comprises of 8 teachers and is supported by an HLTA as well as another dedicated mathematics teaching assistants. As well as the head of maths there are 2 other mathematics related TLRs. We are a committed team who strive to provide high quality learning experiences within 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 year 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 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.

The department is well resourced and is housed in a modern suite of adjacent rooms all of which have interactive whiteboards. 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 laptops 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.

Tracking of student progress is rigorous and regular, supplementing whole school systems to ensure that interventions are effectively deployed. We make use of 121 opportunities, breakfast clubs and after school targeted revision sessions as appropriate.

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