



MATHEMATICS FACULTY

Outline of Provision

The maths faculty is currently staffed by 8 full-time specialist teachers, two part-time teachers and a higher level teaching assistant. We are a hard-working, high-achieving, well-organised team, sharing expertise and resources both physically and through our online portal. All our teaching takes place in specialist rooms, which are equipped with a computer, symposium or interactive whiteboard and projector. The department has access to bookable ICT rooms for whole-class computer use; consequently, ICT has become an integral part of our teaching and is embedded into the maths curriculum.

Maths teaching at Brockington College is firmly linked to the new Key Stage 3 and GCSE programmes of study and the schemes of work are constantly being updated to incorporate changes to the maths curriculum. The department has developed a new Key Stage 4 programme of study; including the design of a three-tier scheme with two different foci in the higher tier and a further focus in the foundation tier. This year, we are also rolling out our new Key Stage 3 programme, which includes research-informed structure and provision.

All classrooms have access to the 'Exploring Maths' scheme of books for Key Stage 3 and the Oxford University Press GCSE textbooks for Key Stage 4. In addition, the department has a wealth of electronic teacher resources (including a fully planned and resources Year 7 programme) and all pupils have access to the [HegartyMaths.com](https://www.hegartymaths.com) website to support their learning. Although we have detailed schemes of work and suggested lesson plans and resources, they are flexible so that each member of the department can bring his or her own strengths and individuality into the classroom with new approaches and ideas. It is expected that the successful applicant will contribute to the work of the department through the sharing and planning of resources.

All members of the department are involved in meetings, preparation and follow-up work to evaluate and improve upon ideas and resources. High standards of teaching

and learning are expected and members of the department are encouraged to share good practice through discussion as well as observation. Teachers enjoy teaching across the age and ability range to maximise their professional development and to contribute to greater job satisfaction.

Pupils entering Year 7 are set targets based on their Key Stage 2 entry profile and sit a further baseline numeracy assessment, to ensure that they have the numeracy skills that provide a solid foundation for their next stage of study.

Departmental assessment takes two strands. Shorter tests at the end of each topic are used to independently assess pupil attainment within each unit, whilst larger cumulative assessments are conducted two or three times a year in order to ensure pupils are retaining their understanding over time. Pupil data is carefully tracked and monitored by the department and pupils are given regular teacher assessments and attitude to learning grades in every subject, as well as written reports and target levels in line with the school calendar.

There is a background of innovation in the department, a willingness to change and a desire to ensure that we provide our pupils with every opportunity to achieve their potential.

The school has an excellent Learning Support Department and teachers work closely with teaching assistants to ensure dedicated high quality provision for pupils with special educational needs.