



The Mathematics Faculty

The successful applicant will be part of a vibrant and supportive faculty with a very positive working environment and joining a team of well-motivated colleagues. The last formal exam results from 2019 saw 81% of students achieving at least a grade 4 in Mathematics and 64% at least a grade 5, with all students gaining $\frac{3}{4}$ of a grade higher than other boys in the UK. You will be joining a highly successful and high performing faculty – and one that has ambitions to be the flagship subject in the school.

The faculty is committed to a programme of maths Mastery which is being embedded across the Ridgeway Education Trust, of which we are a part. We currently deliver Mastery lessons to KS3 and, with the support of the dedicated Mastery lead for the trust, will continue to embed Mastery progressively throughout all year groups. We benefit hugely from our dedicated weekly subject CPD to develop our understanding and practice of maths Mastery which is fundamental to the progress of our students.

All newly appointed teachers receive a full programme of induction and support from the school. There is also a comprehensive induction programme for all Early Careers Teachers which includes a reduced teaching load and a brilliant carousel of input from various staff across the trust, managed and led by the school's Professional Tutor and Teaching and Learning Assistant Headteacher.

The Faculty is based in a purpose-built Mathematics Centre with 10 classrooms. Each full-time member of staff has their own classroom with access to desktop computers and data projectors. The Faculty also maintains resources for all KS3 and KS4 lessons, including specific Mastery resources, providing a starting point for planning of all lessons and thereby supporting teachers to manage their planning time. We also have a feedback policy which allows teachers to provide specific valuable feedback to enable students to make good or better progress within class teaching time, again ensuring that teachers workloads are manageable, and their well-being is prioritised.

At the present time there are five full-time staff and three part-time staff who are supported by school administrators and Teaching Assistants. There is also an active Teacher Training programme in the Faculty in which Oxford University and Reading PGCE students join us from October to May during which time they work alongside members of staff, we also take part in the Schools Direct Associate Teachers programme who have a reduced timetable but are incorporated as members of staff from the outset.

The Maths Faculty has an excellent team spirit in which staff are very supportive of one another. Staff are expected to take responsibility for some aspect of Mathematics as part of their professional development and this team work has enabled us to exceed the school targets and

produce consistently excellent results at all the key stages. The teacher training provision within the school, for staff at all levels, is a particular strength.

The Faculty has a very successful record at A-level with both single and further Maths groups. The A-level is taught in collaboration with Didcot Girls' School with the Edexcel syllabus and teaching of the groups is integrated across both schools. The St Birinus site is the base of the majority of all sixth form teaching and we have a single KS5 coordinator to facilitate the cross-site cooperation and moderation. The take up for A-level Mathematics is continually growing and there are usually at least 4 A-level groups plus 1 Further Maths group in the Sixth Form.

It is our aim to continually develop the quality of teaching and learning and to inspire our pupils to enjoy Mathematics. Pupils participate in the UK Mathematical Challenge each year achieving excellent results with students competing at Junior, Intermediate and Senior levels, and some pass through to the next Olympiad round of the National Competition.

Mathematics is a core subject and it is therefore given a high profile with an expectation that students will exceed their potential. The aim is to boost the value-added scores for KS3 and KS4 pupils. The work of the Faculty is monitored by the Senior Leadership Team. This enables an effective programme of monitoring and evaluation to be in place to ensure that high standards are being maintained at all times.

All members of the teaching staff are involved in the pastoral work of the school and the successful applicant will have the opportunity to be a Form Tutor. A great many colleagues are involved in extra-curricular activities, and applicants are encouraged to indicate what they are able to offer in this respect.