



Clarendon Academy Mathematics Faculty Information for Applicants

Clarendon Academy has a highly motivated and ambitious Mathematics Faculty. We pride ourselves on the excellent standard of our teaching, the outcomes we provide for our students and the enjoyment we get from working in a stimulating, supportive and friendly atmosphere. I hope you gain a clear impression of our Faculty from these pages, and that you feel this is the type of work environment which would suit you. I look forward to receiving your application.

Kelly Cripps
Curriculum Leader of Mathematics

1. Faculty Structure and Main Responsibilities

We are one of the larger faculties in the school - there are currently 7 teachers in the Mathematics faculty. Teaching and Learning Responsibilities (TLR's) in the Mathematics Faculty are as follows: -

- Curriculum Leader & Head of Faculty : Kelly Cripps
- KS5 Co-ordinator & KS4 Statistics : Jane Thrower
- KS3 Co-ordinator : Kevin Martin

Our faculty is in an exciting time of development, there is plenty of scope for those colleagues who are seeking TLR roles to take an active part in shaping the development and direction of the faculty.

3. Curriculum

Key Stage 3

Our ethos is to teach well planned, engaging, challenging lessons that deliver skills as well as content so that our learners enter KS4 as more independent learners. We use the MathsHub White Rose scheme of learning, which offers depth as well as breadth for our students. The scheme is detailed, including National Curriculum statements, fluency, reasoning and problem solving. All staff adapt schemes and add resources as the year progresses. Progress is monitored by a series of end of topic tests and key formal assessment periods in the school calendar.

We set pupils in both Year 7 and 8 with a focus on revise, stretch and improve. We give the top sets in both year groups the opportunity to sit the UK Junior Maths challenge each Easter.

Key Stage 4

We have redesigned our curriculum in light of the Government changes to Education. All students follow a three year course which covers both GCSE Mathematics and GCSE Statistics

We start GCSE level teaching in year 9, where all students cover the basic core skills required for GCSE Mathematics alongside topics on statistics and probability which are enriched to incorporate the greater detail required for the GCSE in Statistics.

The GCSE Statistics content is taught across years 9 and 10 with all students sitting the GCSE examinations in the June of year 10 either at foundation or higher tier.

GCSE Mathematics course is examined at the end of year 11. We follow edexcel for both courses.

Key Stage 5

In a climate of students opting for what they think are 'easier' 'A' Level subjects it is a credit to us that our numbers are good. It is therefore crucial that we have a passionate desire to teach our specialist subject, and have a talent for imparting this information to the most able students in a fun and challenging way, not only at 'A' Level standard, but lower down the school as well. We are currently following the Edexcel/Pearson's syllabus for both A Level Mathematics and Further Mathematics, with our optional modules for further mathematics being decision mathematics and further mechanics, which compliments the strengths of most of our further mathematicians.

In the current academic year, we are running 4 A Level classes across Key stage 5, A level Mathematics and Further Mathematics and would look to increase the numbers in the future to running two A level groups if numbers allow.

4. Faculty Accommodation and Resources

The Maths Faculty is housed together in one block and comprises eight classrooms all with newly fitted interactive whiteboards. The Faculty also has access to an ICT suite. Colleagues have access to an extensive range of electronic and physical resources to support planning and enhance teaching.

5. Extra-Curricular Activities

In the past few years' extra-curricular offerings have extended mainly to support of students in their GCSE and A Level studies, staff providing a tailored timetable of subject specific support sessions and lecture style after school opportunities to support, stretch and challenge students.

In the coming year we are looking to establish enrichment trips mainly at KS3.

6. Further Information

The Ethos of the Mathematics Faculty

The Maths Faculty at Clarendon Academy is a successful, dynamic, forward thinking and risk-taking Faculty. We are keen to embrace new developments which enhance the learning experience we provide for our learners. Maths has a good uptake post-16, with both Mathematics and Further Mathematics taught at A-Level. We have colleagues within the Faculty ranging from members of the school's Senior Leadership Team to NQT.

We aim to instil a lifelong interest in mathematics in our pupils, and provide them with skills they can use no matter what their future profession. The Faculty has a supportive, friendly atmosphere where new ideas and approaches are welcomed and openly discussed. We always aim to make our maths lessons challenging, stimulating and fun and achieve this through careful planning and creating high quality resources.

What Sort of Person Do We Want?

The focus for our Faculty is firmly on '*teaching and learning*', and looking at ways of improving and enhancing the learning experience our students receive. We are therefore looking first and foremost for an excellent classroom practitioner who can bring new ideas and approaches to the Faculty. We will also require enthusiasm, hard work and a sense of humour. In return we will offer you support when you need it, excellent career progression and training, as well as a stimulating and vibrant working atmosphere. If you are looking for a new challenge in a supportive environment with a like-minded team of professionals, then we would love to hear from you – and will look forward to meeting you at interview.