



TEACHER OF MATHEMATICS

THE SCHOOL

Trent College is a happy and flourishing HMC co-educational, independent day and boarding school. There are over 700 pupils in the Senior School including both day and boarding pupils. There are over 400 pupils in The Elms, the Junior School to Trent College, which recruits pupils aged 0–11 and includes a Nursery.

The campus is located in beautiful grounds and is conveniently located on the border of Nottinghamshire and Derbyshire. Founded in 1866, Trent is a school with a rich heritage and traditions spanning over 150 years. Though we value our unique and distinguished past, we have our eyes firmly set on the demands being made on young people in the 21st century and a spirit of energy and innovation shapes our school life.

Academic study is important and we expect all our students to achieve high standards. At Trent we are committed to offering a broadly-based education, which celebrates the academic, creative, physical, emotional and spiritual, and which allows our young people to discover all of their strengths and make the most of their talents. Our aspiration is for each individual here to achieve their absolute personal best, in whatever they do.

At Trent we offer GCSEs, iGCSEs, A Levels and a small number of Level 3 BTEC course. Students can also opt into the Extended Project Qualification in the sixth form. We further stretch students preparing for Oxbridge and other highly selective universities through our High Achievers Programme. The majority of our students go on to university, with an impressive quality and range of courses undertaken. Many of our students opt for the traditional professional routes into medicine, law, the City and public service, but significant numbers increasingly choose more creative and entrepreneurial paths.

As we would hope from any school that sees its virtue in breadth and diversity, our students are as varied and unique as the multifarious interests they pursue. The quality, range and depth of activity at Trent is remarkable and the size and scope of the school allows all pupils to find their niche.

THE MATHEMATICS DEPARTMENT

The person appointed will join a team of 10 experienced teachers of Mathematics, many of whom have other responsibilities within the school. The Head of Mathematics has overall control and management of the department, although many responsibilities are shared out amongst the team. There is also a Second in Department.

We require an excellent teacher of Mathematics. The new appointee will be expected to teach Mathematics from year 7 though to year 13.

The Department consists of seven large classrooms and one smaller seminar room, along with a Departmental workroom, all located on the same teaching block. The Department has annual subscriptions to online resources such as Integral, Dr Frost Maths and Mathsbox. Trent students take part in the UKMT Challenges at all levels, and we regularly enter the UKMT Team competitions.

There are six sets in Year 7, Year 8 and Year 9. Trent currently uses a 'two-week timetable' with students in these years having the equivalent of eight 50 minute lessons each fortnight. Currently the core course texts in Years 7 and 8 are STP Mathematics series, followed by Hodder's Mastering Mathematics series in Year 9.

In Year 10 there are six Maths sets with seven in Year 11. Students continue to use the Mastering Mathematics textbook series but teachers have access to a wide range of textbooks and worksheets to supplement their teaching. The top sets are also prepared for the AQA Further Mathematics course, leading to the examination in June of Year 11.

Typically, students are prepared for the Higher tier of the Edexcel GCSE at the end of Year 11. Students at this level have nine 50 minute lessons each fortnight.

At A-Level, we follow the Edexcel specifications. At present, all members of the Department can teach A Level, and students are taught for thirteen 50 minute lessons each fortnight. Student numbers are consistently strong and this year there are around 40 students in Year 12. In the current Year 12 cohort, we have two classes studying for A-Level Mathematics and one preparing for A-Level Mathematics and Further Mathematics. Students sit all exams at the end of Year 13 but Further Mathematics students have the option of sitting an AS in the subject at the end of Year 12. Many of our Year 13 students are applying to read Mathematics or Mathematics-related courses at university.

2019 Exam Results

A2 Mathematics 46% A* to A; 71% A* to B

A2 Further Maths 71% A* to A;

GCSE 85% Grade 5+; 47% Grade 7+

AQA Further Maths 91% A* with distinction to A

PASTORAL CARE

- In addition to the academic role, every teacher is encouraged to play a full role in the life of the School outside the classroom.
- Teachers are expected to attend and support regular school events, including but not limited to assemblies, drama productions, religious services, concerts and speech days.

ADDITIONAL DUTIES

- This is not an exhaustive job description and may be subject to change according to the needs and development of the role. It is expected that the post holder may undertake such other duties as may be reasonably be requested.
- A Trent teacher is dedicated to educating the “whole child”, in accordance with the aims of the school.
- They are aware of the individual needs of each student and strives to help each student develop his or her full potential.
- They work with students both inside and outside the classroom and are committed to active involvement in the total school curriculum.
- They co-operate with colleagues to ensure a fully integrated curriculum and regularly participates in activities directed toward their own professional development.
- A Trent College teacher is always available to students, colleagues and administration during the entire school day. In the time other than that scheduled for lunch, a teacher may be assigned activities such as supervision, tutorial, class coverage, etc. by the Head/ Deputy Head.

QUALIFICATIONS

- Degree or equivalent qualification
- PGCE or equivalent qualification
- Evidence of continued professional development