

# MATHS6 SPECIALIST A-LEVEL MATHS TUITION ONLINE

## TMUA & MAT EXAM PREPARATION



Available to individual students



Available to support schools and colleges

### → INTENT

The **TMUA (Test of Mathematics for University Admission)** and **MAT (Mathematics Aptitude Test)** are admissions tests used by an increasing number of universities. Consequently, the number of students who are taking these tests is growing, as is the demand for additional support. It can be difficult to fit entrance exam preparation into an already packed curriculum model. Therefore, if you are struggling to support your students as they prepare for either of these entrance exams then **Maths6** can help. Not only will this course give students additional insight into their maths studies and deepen their understanding of key mathematical ideas, but it will also improve their chances of performing at a higher level across their other A-level examinations, too.

### → IMPLEMENTATION

**Maths6 works with private individuals OR in collaboration with school and college Maths departments to offer additional tutorial support across the entire cohort.**

Students sit the **TMUA** and **MAT** on the same day each year in early November of Year 13. **Maths6** offers a carefully structured course to guide students in their preparation for these exams. As well as developing a deeper understanding of aspects of their A-level Maths and Further Maths content, the sessions will focus on those aspects of the test which are not part of the A-level Maths or Further Maths specification. For example, the logic and mathematical thinking requirements of the **TMUA** that include necessary and sufficient conditions, considerations of consequent and subsequent implications, and truth values and the contrapositive, and the extended questions of the **MAT** which demand greater resilience and flexibility in approach than anything the students will have met to date. Students can opt for individual one-to-one tuition to focus support on their particular needs or, alternatively, they can join a small group of determined students who are all preparing for the **TMUA** or **MAT** assessment, enhancing the learning experience for each member of the group.

### → IMPACT

Research from **The Sutton Trust** suggests that privately-educated students are 22 times more likely to go to a high-ranking university than state school students. This gap has been closing in recent years but students from independent schools still perform better on high stakes exams than those from state schools. However, any advantage disappears once students are at university. This gives good reason to believe that the difference may be in the preparation, rather than ability and potential. **Maths6** support for students who are sitting these admissions tests will help to level things still more.

For further details or to discuss possible timetabling please contact **Martin** ([martin@maths6.co.uk](mailto:martin@maths6.co.uk)) at **Maths6**.



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