



TOM



Maths Tutor

Education

University of Oxford: PhD Mathematics (2017-2021)

University of Oxford: MMath Mathematics 1st Class Honours (2012-2016)

A-levels: Mathematics, Further Mathematics, Physics – A*, A*, A

Teaching Experience

I have been a private tutor for the past seven years, and have extensive experience tutoring university applicants, in particular for Oxford and Cambridge University. I specialise in preparing Maths applicants for the MAT and interviews. I have also been involved in the Oxford admissions process for Maths as a PhD student, where I have been a part of the team that has marked the MAT exam for the past three years.

As a PhD student I have also tutored many undergraduate classes whilst at Oxford, including the following:

- Geometry
- Multivariable Calculus
- Fourier Series and Partial Differential Equations
- Dynamics
- Applied Partial Differential Equations
- Differential Equations 1 & 2
- Fluids & Waves
- Integral Transforms
- Fixed Point Methods for Nonlinear Partial Differential Equations
- Further Methods of Applied Mathematics

Reviews

“Tom was a great tutor in helping me prepare for the MAT and interviews.” (Oxford Maths applicant)





“I find having lessons with Tom very useful. He explained the exam technique very clearly to me.” (Oxford Maths and Computer Science applicant)

Tuition Approach

For MAT tuition, I go through the syllabus with students to ensure there are no gaps in their knowledge. A large part of my lessons involve going through previous MAT questions, and I use past examination papers to gain an insight into student's weaknesses and strength. We can then work through the areas where the student needs to make improvements. I also teach students how to answer the questions more especially with speed (especially for the multiple choice). For the longer written questions, I focus on the mathematical thought process to answer the more challenging MAT questions which serve students well in the coming interviews.

