

Dan



Mathematics Tutor

---

### Education

University of Oxford: PhD Mathematics (2020-2024)

Imperial College London: MSci Mathematics (2016-2020)

1<sup>st</sup>, 2<sup>nd</sup> and 4<sup>th</sup> year honours: 85%, 88% (top 5%) and 85% (top 10%)

3rd year abroad at MIT, Cambridge, USA with GPA: 4.7/5.0

(Romanian) Baccalaute Diploma, Average 9.8 / 10

Romanian Language and Literature 9.4, Mathematics 10, Physics 10

---

### Tutoring Experience

I have tutored mathematics students across a range of levels:

- GCSE
- A Level Maths and Further Maths
- International Baccalaute
- Olympiad
- Oxford MAT
- Undergraduate (Birkbeck, Imperial, Manchester, Leeds and UCL).

I have been a tutor for the official MAT training programme, organised by Oxford University. I am confident teaching for the MAT and other university admission tests and also at undergraduate & master's level.

As a tutor for the MAT training programme, I have given tutorials to groups of up to eight students and have understood where students usually make mistakes. I have also tutored privately for MAT one-to-one.

---

### Testimonials

"I greatly enjoyed being tutored by Dan. He was very helpful in getting me to understand new concepts and always willing to go over the material in greater detail. His explanations were very clear and insightful." (MAT Student)

“My session with dan was very helpful. His intuitive approach to questions makes you think a lot and he does not throw straight answers. He also has great conceptual clarity and an algebraic approach. The exercises he makes provide an a steady insight to approach MAT questions. His method of teaching motivate you to think creatively. Highly recommended!” (MAT Student)

“Was so scared to open my results on Thursday so I waited a little bit but I just wanted to let you know I GOT THE A\* IN FURTHER MATHS!! I'm beyond happy I cannot express my gratitude enough, thank you for all of your help over that month of cramming.”  
(A-level Student)

---

### **Maths Tuition Approach**

I have developed a collection of well-structured educational resources, aimed at improving both the background knowledge and exam taking skills for the MAT. In practice, when we hit a difficult exercise from a past paper, this allows me to suggest extra exercises specifically designed to remedy gaps in the knowledge of the student while minimising the number of hours required and explicitly targeting MAT.

I have an excellent understanding of Mathematics (supported by my results at Imperial College, where I scored in top 5%), which allows to me draw connections between fields and explain concepts in easier terms. I am positive this helps me instil a sense of confidence in my tutees.

I also have extensive experience tutoring at secondary school level (GCSE, A-Levels, IB) and I always try to match individual needs. I am quick to adapt to the students' style and match individual needs. I strongly believe teaching should be more like a guided self-education process. I think one of the best ways to tutor (especially in an online environment) is to concentrate on homework exercises. The student has time to attempt the questions in their own time, at their own pace; thus, we can get the most out of the session by mainly discussing questions that the student has had difficulty solving.