



DEWI



Mathematics and Physics Tutor

Education

DPhil, Mathematical Physics, University of Oxford (beginning October 2020)

Mast. Applied Mathematics, University of Cambridge. (Currently studying)

Msci. Physics with Theoretical Physics, Imperial College London. (First Class, 2015)

High School: 8 A1's (Scottish Standard Grade), 7 A band 1s (Scottish Highers), 4 A band 1s (Scottish Advanced Highers)

Teaching Experience

I have a wide array of experience relating to teaching and mentoring students of a broad range of ages. In high school I regularly took part in mentoring schemes for younger students, particularly involving mathematics. At Imperial, I was part of the "Outreach Mentor Scheme" which involved running workshops in physics and mathematics for pupils of all high school ages. I also tutored mathematics as part of the "Pimlico Connections Scheme" which placed Imperial students in the poorer-performing local high schools in London. Latterly I became involved in the "Accelerate into Maths and Science" scheme which was a weekly workshop for high-achieving A-level students in London – covering University applications, mathematics applied to science, and University study in general.

I also have experience teaching pupils one-on-one, I had a regular weekly tutoring commitment throughout my entire undergraduate degree in which I supported a GSCE student in all of her science and mathematics revision and learning. I have in the past engaged tutees during preparation for their summer exams also.

Mathematics Tuition Approach

I have a keen interest in making sure my students understand all the maths at its fundamental level. I believe this enables students tackle any question that could be thrown at them in an efficient and clear way.

Physics Tuition Approach

I like to make students aware of the full picture when studying physics – allowing them to understand both what they are doing and how it fits in with the rest of the science and maths they are studying.

