

James



Physics and Maths Tutor

Education

The Australian National University – BA Engineering (Honours) and BA Science (2021-)

IB: HL Physics (7), HL English Lang. & Lit. (7), HL Maths (6), SL Computer Science (7), SL Japanese B (6), SL History (6)

ATAR: 98.70

Dux of IB at SCECGS Redlands

Tutoring Experience

I have extensive experience tutoring students in maths, physics, English and admissions exams from years 4-12. I am a passionate and engaging tutor with almost 4 years of experience helping students of a range of abilities achieve their goals. I have tutored two year 4 students in preparation for Opportunity Class admissions tests, both of which had success in making the waitlist for the class. I also tutored a year 4 student with learning difficulties across all of his subjects, helping him plan and organise his work. I have helped a year 7 student with her maths, ensuring she got the attention she needed to help her understand her work and to advise her through the transition into high school. I also have experience with a IB HL Physics student, helping him understand each topic in great detail with demonstrations, explanations and extra practice questions/quizzes to extend him in his physics work. Additionally, I assisted in running a maths support forum (Aluminate) for SCECGS Redlands, assisting students across all years from HL IB Maths to year 7 with their questions.

Tuition Approach

My teaching method predominately focuses on hands-on experience and practice solving questions and problems with a 'learn as you go' attitude. I encourage my students to be more comfortable with making mistakes as they strengthen their understanding. I demonstrate and explain how to draw on the knowledge they gain at school to enhance their ability to apply these in a practical setting or exam. I love to push my students with more complex problems which require them to focus on bringing together a range of concepts and ideas from their work, a skill which is vital to success in the IB.