



Case Study – School name

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UNIVERSITY OF
CAMBRIDGE

University Cambridge University

Studying Engineering

What happened after you passed your Further Maths exam?

I was very relieved and extremely proud that I had passed my Further Maths exam. Passing it meant that I met the offer conditions to be enrolled on the course of my first choice. I was also pleased with my grade because I put in a lot of work into studying Further Maths, which had been a challenging experience.

Do you think that studying Further Maths through FMSP Wales has helped your transition to University?

It has significantly helped my transition to University. The Engineering course I am on requires a strong Maths background, and without studying Further Maths at school I would have struggled greatly on topics such as hyperbolics, matrices and complex variables on top of other contents of my course.

Are there any ways that you feel Further Maths specifically helped?

Further Maths helped me to get through the Maths aspect of my course during first term. Although the lectures covered topics like hyperbolics, graphs and matrices again, they were covered extremely briefly. Hence without Further Maths I would have been stuck on the basic mathematical methods required to study Engineering.

Would you recommend studying Further Maths and why?

I would extremely recommend pupils who wish to go on to study a STEM subject to study Further Maths. The knowledge that you learn during Further Maths will be so valuable during your course at University, because you can then focus on other modules of the course, which are built on the methods taught in Further Maths, rather than trying to master them while you are at university.