



Advanced Mathematics  
Support Programme®

## AS/A level Further Mathematics

### Imagine a cone-shaped cake.

If the cake is sliced at different angles, how many different types of shapes could be made?

Draw the shapes on paper.

Where else do these shapes occur in the world around us?



# AS/A level Further Mathematics

If you're predicted grade 6 or higher in GCSE Mathematics, consider taking AS or A level Further Mathematics, along with A level Mathematics.

A level Further Mathematics broadens and deepens your mathematical knowledge and skills. It's even been found that studying AS or A level Further Mathematics can improve your A level Mathematics grade.

Further Mathematics is particularly useful if you're intending to take a degree course or apprenticeship involving higher-level maths, such as a STEM subject (Science, Technology, Engineering and Mathematics). Some degree course admissions requirements give preference to students with AS or A level Further Mathematics, and the extra maths you study can help if you need to take a mathematical admission test.



For more information on your options for studying maths beyond GCSE, visit [amsp.org.uk/students/gcse/what-next](https://amsp.org.uk/students/gcse/what-next)

