

<https://qualifications.pearson.com/en/qualifications/edexcel-a-levels/mathematics-2017.html#tab-ASMathematics>

## Why AS Mathematics?

AS Maths is studied over two years and in addition to the three A Level subjects.

AS Maths is offered as a fourth subject to students who enjoyed studying GCSE Maths but do not want to take a full A Level. It is particularly useful to students that are studying another subject with a maths based element e.g. Physics, Biology, Chemistry, Geography and Psychology.

Continuing to study mathematics at this level will grow your logical problem solving skills that can be applied to many other areas of life and it instils a positive approach to problem solving by training your brain to assume there is a solution to every problem.

“Maths is in its own way the poetry of logical ideas.”

## Assessment

62.5% - Paper 1 - Pure Mathematics

37.5% - Paper 2 - Statistics and Mechanics

## Recommended Reading

Edexcel Pure Mathematics and 100% Proof - The Why of Maths by J Hope

CGP A level Mathematics Revision Guide

<https://www.mymaths.co.uk>

<https://mathsgenie.co.uk>

## Recommended Entry Requirements

A strong 6 GCSE Mathematics

Studying Science, Business or Geography at A level and with a keen interest and strength in Mathematics

## Future Pathways

Securing a Maths AS Level will give you a great advantage when applying for university places or jobs in the future.

## Complementary A Levels

Biology, Chemistry, Physics, Business, Geography, Psychology.

## Extra & Super Curricular

Students are encouraged to enter the National School Maths Challenge; competing with over 400 schools.

Lunchtime workshops.

*“Maths AS has helped me to progress in my other subjects due to the diversity of the topics we cover. It is challenging but rewarding and a great asset for future study.”*