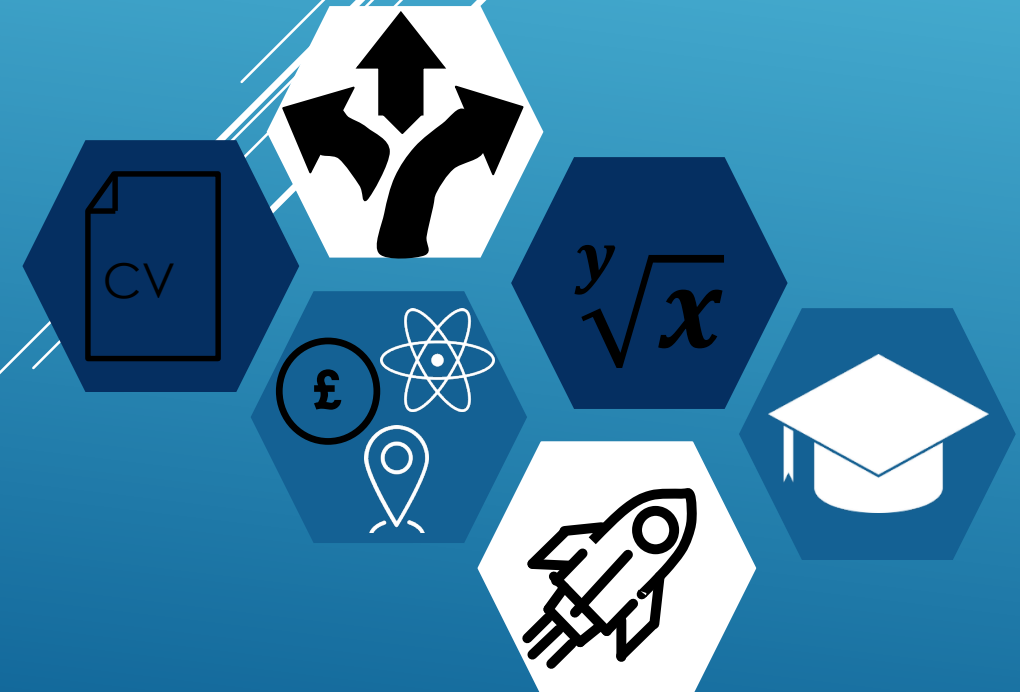


Welcome to A-Level Mathematics & Further Mathematics



Why study Mathematics?

Develop key employability skills

e.g. problem-solving,
communication,
logical reasoning and
resilience

Support the study of other A levels

Stimulating and challenging courses

Leads to versatile qualifications well-respected by employers and higher education

Increase knowledge and understanding of mathematical techniques and their applications

Excellent preparation for a wide range of university courses

WHAT DOES THE COURSE INVOLVE?

- ▶ What units are studied?
- ▶ What skills are covered?

Mathematics
Pure 1, Pure 2
and Applied
Maths

Further Mathematics
consists of 4 papers
Core Pure 1, Core
Pure 2 and 2
optional units

Skills

- Problem-solving
- Analytical Skills
- Research Skills
- Logic

TYPE OF ASSESSMENT

- ▶ What marks is each unit worth?
- ▶ How is the course graded?
- ▶ Types of questions/assessments

**Each exam
is 2 hours
long and
100 marks
each**

**A-level
Mathematics
examination
consists of 3
papers**

**F. Maths
Each exam
is 1 hour
30mins long
and 75
marks each**

WHAT CAN AN A-LEVEL IN MATHEMATICS LEAD TO?



- Careers/degree choices that link to the course
 - ▶ **Construction/Architecture**
 - ▶ **Medicine or Scientific Research**
 - ▶ **Teaching and Tutoring**
 - ▶ **Games Development**
- What other courses does this compliment?
 - ❑ **Chemistry**
 - ❑ **Physics**
 - ❑ **Economics**
 - ❑ **Accounting and Finance**
 - ❑ **Computer Science**

OUTSIDE OF THE CLASSROOM



- **After-school clubs**
- **Competitions (UKMT)**