



**WHY CHOOSE...?**

**Mathematics**

Sixth Form Options Presentation

# WHY CHOOSE THIS SUBJECT?

01

Studying Mathematics can lead to an undergraduate, postgraduate or a research degree, eg PhD, an apprenticeship, or a job.

02

Mathematicians can often enter into any field of human endeavour. From Research and Development to Human Resources to even Entertainment. Employers are frequently on the look-out for candidates with a good Mathematics degree.

03

Studying Mathematics will broaden one's career prospects.

# What you will study?

## Year 12 Mathematics

1. Pure Mathematics 1
2. Applied Mathematics 1:
  - Statistics 1
  - Mechanics 1

## Year 13 Mathematics

1. Pure Mathematics 2
2. Applied Mathematics 2:
  - Statistics 2
  - Mechanics 2

# WHAT SKILLS WILL YOU DEVELOP?

A

Problem-solving, analysis, interpretation, prediction, evaluation, and numeracy.

B

Teamworking, organisation, attention to detail, communication, and independence.

C

Technical skills including data manipulation, technical writing, statistical analysis and organizational management.



# Our successes - What are our alumni up to?

Trisha

Environmental Sciences  
Sheffield

Oscar

Chemistry  
Oxford

Olaitan

Physics,  
Astrophysics and  
Cosmology  
Lancaster

Emmanuel

Accounting and  
Finance  
Newcastle

Amanda

Natural Sciences  
Southampton

