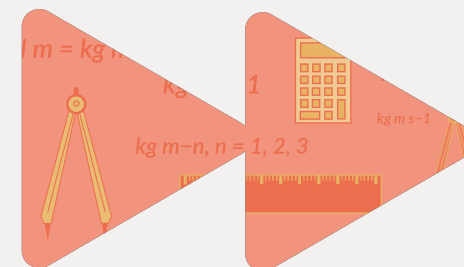
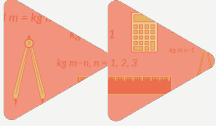


My Learning, My Future

Where can studying Mathematics
take you?

Highlighting the relevance of Mathematics
to future careers and opportunities





Why Mathematics matters

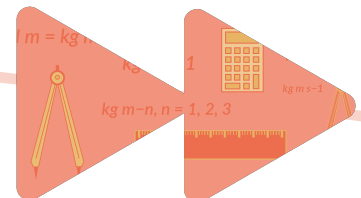
Have you ever considered where studying Mathematics can take you?

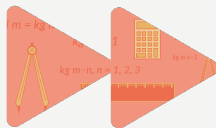
Today, we'll be exploring some of the career opportunities that are available to you, as well as the various pathways you can take to get there.

What careers can you think of that use Mathematics ?

What do you think these roles involve (daily task, etc.)?

What skills do you think you might need for these roles?





Explore a career as a...

Here are some
example roles
and careers linked
to Mathematics



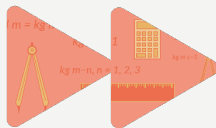
Senior Systems Engineer

BBC Bitesize Video



Accounting Technician

BBC Bitesize case study



Explore a career as a...

Here are some
example roles
and careers linked
to Mathematics



Quantity Surveyor

BBC Bitesize Profile



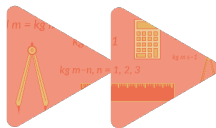
Finance Officer

BBC Bitesize Profile



Sales Associates

icould.com



Discover more about the role

Explore careers using National Careers Service and find out about what jobs involve and how they are right for you

Includes:

- Average Salary
- Typical Hours
- Work patterns
- Pathways/How to Become
- Essential Skills
- Daily Tasks

Research Ideas:

Senior Systems Engineer
Accounting Technician
Quantity Surveyor
Finance Officer
Sales Associates

National Careers Service

We provide information, advice and guidance to help you make decisions on learning, training and work.

This service is available to people who live in England.

Skills assessment	Explore careers	Find a course
Learn more about your skills and match them to potential new careers.	Choose from over 800 career profiles to discover what each job involves.	Look for online learning opportunities and training courses local to you.
Assess your skills	Search job profiles	Look for courses

Careers advice

Making career choices	Getting a job	Progressing your career
Whether starting your career, changing job or if you have been affected by COVID-19, understand and make the right choice for you.	Be successful in the recruitment process with tips on great CVs, interviews and graduate scheme applications.	Move up in your career by developing new skills. Find opportunities like volunteering and online learning.

About us

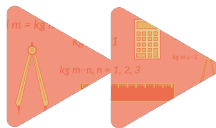
The National Careers Service can help you with your career, learning and training choices. [Find out more](#) about the different ways we can support you.

Speak to a careers adviser

Wherever you are in your decision-making, you can call us on [0800 100 900](tel:0800100900) or [use webchat](#).

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Where can Mathematics take you

Pathways at 16

Example Post 16 Routes

- A-Level Maths
- A-Level Further Maths
- A-Level Economics
- A-Level Statistics
- A-Level Accounting
- T-Level Digital Business Services
- T-Level Building Services Engineering for Construction

Apprenticeship Ideas

- Architect
- Quantity Surveyor
- Cyber Security Technologist
- Bioinformatics
- Accountant



MATHEMATICS Apprenticeships

WE'VE GOT THE APPRENTICESHIP FOR YOU!

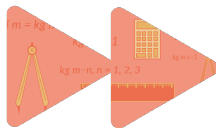
- ASSISTANT ACCOUNTANTS**
carry out routine financial activities including: analysing data and applying problem solving techniques.
- INVESTMENT OPERATIONS SPECIALISTS**
sit within stock exchanges, stockbrokers, banks, financial advice and wealth management firms carrying out investment transactions on behalf of individuals or organisations.
- AEROSPACE ENGINEERS**
create aircraft components and equipment, specialising in a specific engineering discipline (e.g. - airframe, design and stress, support or manufacturing engineering).
- PROFESSIONAL ECONOMISTS**
work in a wide range of industries and sectors producing rigorous, relevant and impactful economic analysis to drive decision-making at all levels.
- RELATIONSHIP MANAGERS (BANKING)**
provide financial products and services to customers, helping them achieve their business goals.

MORE INFO

There are many other apprenticeships you might be interested in:
Quantity Surveyor, Cyber Security Technologist, Airworthiness Engineer, Architect, Bioinformatic Scientist, Geospatial Mapping Specialist and many more!

Brought to you by National Apprenticeship Service

Visit apprenticeships.gov.uk to find out more.



Where can Mathematics take you

Pathways at 18

Example Degrees:

- Applied Mathematics
- Cyber Security
- Mathematics Education
- Engineering Mathematics
- Financial Mathematics

Apprenticeship Ideas

- Architect
- Quantity Surveyor
- Cyber Security Technologist
- Bioinformatics
- Accountant



MATHEMATICS Apprenticeships

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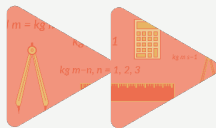
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[Read more >](#)



Essential Skills

Here are three key skills needed for a career that uses Mathematics



The ability to set clear, tangible goals and devise a robust route to achieving them

Video

[Watch here](#)

Skills Builder
Resource KS3

[Short Lesson
Aiming High Step
6-8](#)

Skills Builder
Resource KS4

[Short Lesson
Aiming High Step
8-10](#)



The ability to find a solution to a situation or challenge

[Watch here](#)

[Short Lesson
Problem Solving
Step 6-8](#)

[Short Lesson
Problem Solving
Step
8-10](#)



The ability to use tactics and strategies

[Watch here](#)

[Short Lesson
Staying Positive
Step 6-8](#)

[Short Lesson
Staying Positive
Step 8-10](#)



My Learning, My Future

THE CAREERS &
ENTERPRISE
COMPANY