

# Maths

## Apprenticeships: A subject snapshot guide for teachers

### What is an apprenticeship?

Apprentices are employed in a job and paid a salary, whilst undertaking training to support the development of their skills. Apprentices will spend at least 20% of their paid time completing 'off-the-job' training where they will be supported by a training provider to achieve their apprenticeship. Apprenticeships are available to anyone over the age of 16, living in England and have no upper age limit. To find more please visit the government website:

<https://www.apprenticeships.gov.uk/apprentice/what-is-an-apprenticeship>

### Which apprenticeships are there?

Maths links to lots of apprenticeships because so many jobs require an individual to and to have good problem solving skills and to be able to identify patterns or problems with data. Some of the more obvious job roles might be Economist or Accountant, but have you also thought about how it might link to other jobs like Data Scientist, Ecologist, Early Years Educator, Engineer, Financial Adviser and First Officer Pilot?

### Which apprenticeship employers are there?

There are lots of employers offering apprenticeships that link to Maths. Some of the biggest names you might recognise are:



To find out more about the range of apprenticeship employers, which apprenticeships they offer, when they recruit and what the recruitment process will be like, please visit:

<https://amazingapprenticeships.com/vacancies>

### What kind of apprenticeship job roles are there?

You could be working in a wide range of apprenticeship job roles that involve Maths, including;

- Accountant
- Quantity Surveyor
- Professional Economist
- Cyber Security Technologist
- Airworthiness Engineer
- Architect
- Bioinformatics Scientist
- Geospatial Mapping Specialist

And many more!



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### Where can I find out more?



**Download this poster**  
Display this poster in your classroom to inspire students to think about how Maths could link to an apprenticeship. <https://amazingapprenticeships.com/resource/where-can-maths-take-you>



**Read this Case Study**  
Sophie Ellis, a level 4 higher cyber security technologist apprenticeship with Arqiva, shares her story.   
Read more: <https://www.tes.com/news/apprentice-i-see-i-have-made-difference>

### Explore the exciting range of apprenticeship opportunities

To find out more about the range of apprenticeship employers, which apprenticeships they offer, when they recruit and what the recruitment process will be like, please visit: <https://amazingapprenticeships.com/vacancies>



### Sign up to stay informed

To keep informed of the latest apprenticeship resources and news, sign up to the monthly Amazing Apprenticeships newsletter completely free of charge: <https://amazingapprenticeships.com/newsletter>