

What careers can my subject lead to?

Mathematics

Employers see Maths students as logical, numerate and committed. They are particularly sought after in the finance sector, as well as in areas such as logistics, retail and consumer products.

Specific skills:

- numeracy;
- ability to handle tricky intellectual challenges;
- problem solving skills;
- statistical inference;
- analytical thinking;
- quantitative reasoning;
- ability to manipulate precise and intricate ideas;
- construct logical arguments and expose illogical arguments.

Maths Apprenticeships: A subject snapshot guide for teachers



<https://amazingapprenticeships.com/app/uploads/2020/01/NAW2020-Maths-Subject-Snapshot.pdf>

MATHEMATICS

WE'VE GOT THE APPRENTICESHIP FOR YOU!



**MORE
INFO**

- **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.

There are many other apprenticeships you might be interested in:

Quantity Surveyor, Cyber Security Technician, Airworthiness Engineer, Architect, Bioinformatic Scientist, Geospatial Mapping Specialist and many more!

MATHEMATICS

$\sqrt{\quad}$ ∞ $>$ $+$ \approx $=$ \pm \times

careers using mathematics

science
construction
accountancy
economics
pharmacy
engineering
retail and sales
air traffic control
industrial design
network management
transport and logistics

banking
statistics
insurance
actuarial work
bookkeeping
astronomy
management
architecture
sound technology
investment analysis
software development

buying
teaching
health sciences
administration
stockbroking
surveying
meteorology
cyber security
market research
medical technology
computer games design

The background image shows a close-up of a hand holding a coin over a banknote. The banknote has some handwritten numbers and a green stamp. Overlaid on the image are mathematical symbols: a plus sign, a minus sign, a division sign, a multiplication sign, and a percent sign. The title 'APPLICATIONS OF MATHEMATICS' is written in large white letters at the top.

APPLICATIONS OF MATHEMATICS

+ - ÷ × %

careers using applications of mathematics

civil service
engineering
administration
event management
call centre operations
customer service support
clerical and reception work

nursing
marketing
secretarial work
travel and tourism
local government
allied health professions
environmental management

teaching
psychology
social work
construction
retail and sales
transport and logistics
hospitality management

ACCOUNTING

careers using accounting

insurance
accountancy
administration
management
credit control
local government

purchasing
bookkeeping
financial advice
investment analysis
business management
pensions management

banking
tax advice
civil service
stockbroking
retailing and sales
financial administration