

CAREERS SNAPSHOT

MATHEMATICS



HOLMFIRTH
HIGH SCHOOL



5

REASONS WHY

MATHEMATICS

CAN BOOST YOUR CAREER!

1

Awesome Problem Solver

Maths helps you become amazing at solving problems. It's like a toolkit that teaches you to think through challenges, making you the person everyone turns to for solutions.

2

Smart Decision-Making Buddy

Ever faced a tough choice? Maths is like a helpful friend that guides you through decisions by looking at the facts and figuring out the best option. It's your go-to strategy for making smart choices.

3

Useful Everywhere

Maths is like a universal key that opens many doors. Whether you dream of being a scientist, computer expert, money manager, or something else, maths is the skill that makes it happen. It's your passport to exciting careers!

4

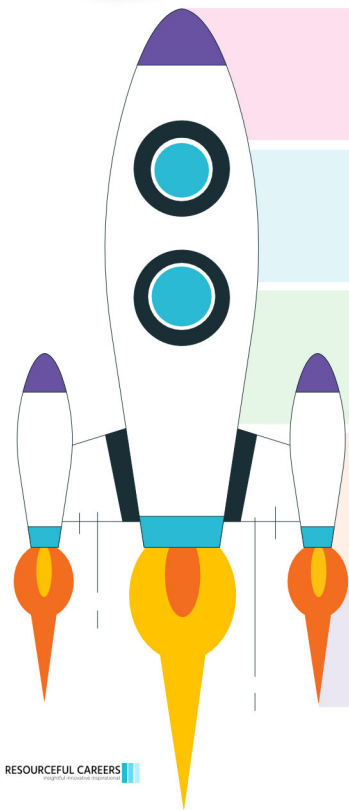
Tech Whiz Sidekick

If you're into cool gadgets and technology, maths is what makes them work. From video games to smartphones and future inventions, maths is the language they speak. Learn maths, and you'll become a tech whiz in no time.

5

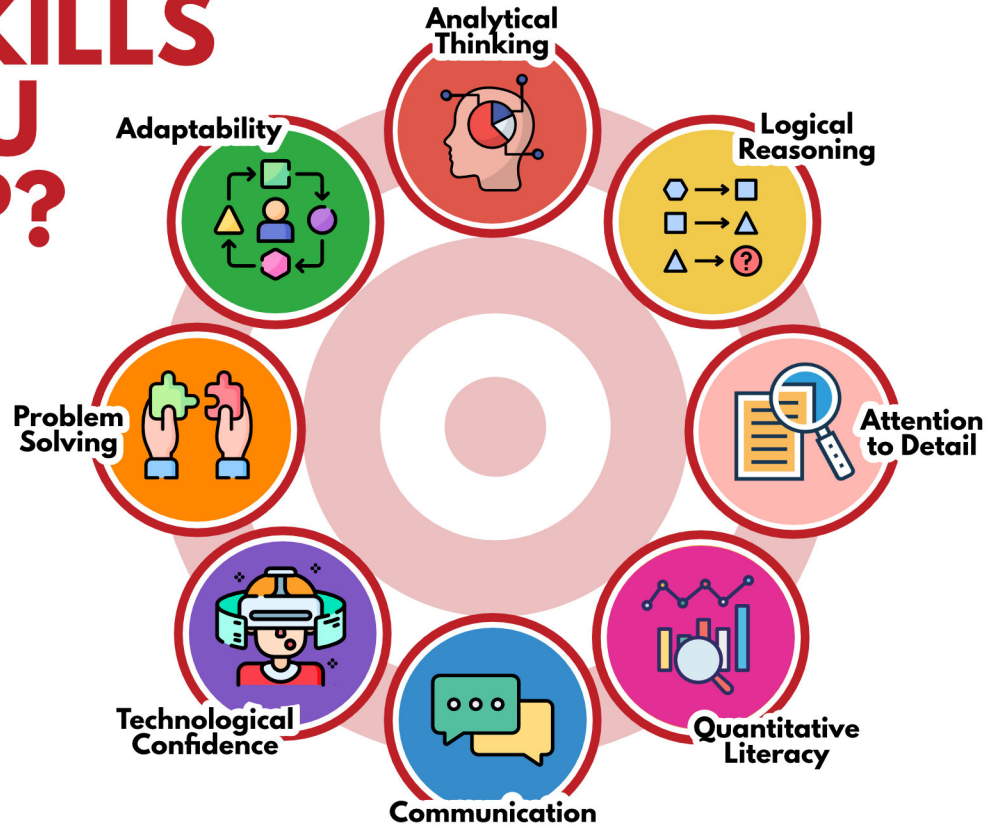
Stand Out in the Crowd

In the world of jobs, maths is your secret weapon. Employers love to see maths skills because it shows you're a sharp thinking and a problem-solving pro. It's like having a special code that makes you stand out from the rest!



WHAT SKILLS WILL YOU DEVELOP?

Different jobs need different skills but did you know studying **Mathematics** can help you to develop these skills.



WHAT JOBS CAN YOU DO WITH MATHEMATICS?

Explore rewarding careers in Maths, unlocking exciting opportunities and discovering the earning potential within this dynamic field!



QUANTITY SURVEYOR

Tax adviser help clients plan their finances to make sure they're paying the right amount of tax.

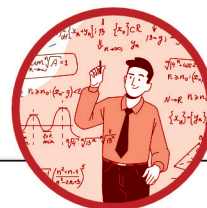
£22,000 - £60,000



SOFTWARE DEVELOPER

Help people who are making claims on their insurance policies.

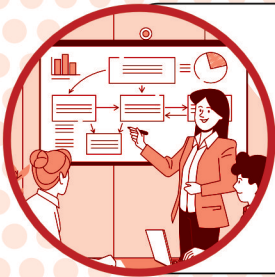
£17,000 - £50,000



ECONOMIST

Advise government departments, business, banks and other organisations on economic matters.

£28,000 - £60,000



ACTUARY

Work with companies and government departments to help them forecast long-term financial costs and investment risks.

£28,000 - £62,000



DATA ANALYST

Collect numbers and statistics to identify trends, create models and present results

£23,000 - £62,000



MORTGAGE ADVISER

Help people to find and apply for mortgages and provide advice about the best products.

£22,000 - £70,000

YOU COULD WORK IN THESE SECTORS...



**BUSINESS
& FINANCE**



CONSTRUCTION



**IT, SOFTWARE
& COMPUTERS**



**PUBLIC
SECTOR**



HEALTH CARE



EDUCATION



**ADVERTISING
& MARKETING**



RETAIL



**ENGINEERING &
MANUFACTURING**

...AND WORK FOR THESE COMPANIES

BAE SYSTEMS

KPMG

**SUMO
DIGITAL**



box

accenture

HSBC

BOEING

EY

NHS

LLOYDS BANK

NatWest

HALIFAX

pwc

Allianz

<epam>

nationwide

CapitalOne

CODEMASTERS

G

Deloitte.

canoe

SOJERN

Santander

**CREATIVE
ASSEMBLY**

miro

#FloQast

samsara

**SECURITYSERVICE
M15**

AlphaSights

WHAT QUALIFICATIONS CAN HELP YOU?

Check out some of the different qualifications related to **Mathematics**, see what you can learn, and find out where they could take you in the future!

APPRENTICESHIPS

- Business Administration
- Chartered Legal Executive
- Chartered Manager
- Conveyancing Technician
- Digital Marketer
- Human Resource Management
- Legal Services
- Management
- Marketing
- Operations Manager
- Paralegal
- Solicitor

FURTHER EDUCATION

- A Level - Maths
- A Level - Business
- A Level - Economics
- A Level - Physics
- T Level - Engineering, Manufacturing, Processing & Control
- T Level - Management & Administration
- T Level - Accounting
- T Level - Finance
- BTEC - Business
- BTEC - Accounting & Finance
- BTEC - Enterprise & Entrepreneurship
- BTEC - Personal & Business Finance

HIGHER EDUCATION

- HNC / HND in Computing & IT
- HNC/ HND in Construction & Civil Engineering
- HNC / HND in Engineering
- HNC / HND in Business & Management
- BSc (Hons) in Mathematics
- BSc (Hons) in Mathematics and Statistics
- BSc (Hons) in Mathematics and Physics
- BSc (Hons) in Economics and Mathematical Sciences
- BSc (Hons) in Computing and IT
- BSc (Hons) in Engineering

WHERE CAN YOU FIND OUT MORE?

Use the information in this careers snapshot to research the different careers, skills and qualifications that can help you progress into a career related to **Mathematics**.



USEFUL WEBSITES

Institute of Mathematics and its Applications (IMA)

The IMA provides resources on careers related to mathematics in the UK, including job listings, career advice and information on professional development.

<https://www.mathscareers.org.uk>



Prospects - What can I do with my degree?

Prospects is a UK-based careers website offers insights into career options, skills required, and job prospects for those who have studied a degree in Mathematics.

<https://www.prospects.ac.uk/careers-advice/what-can-i-do-with-my-degree/mathematics>



National Careers Service - Business and Finance:

The NCS provides information on various careers, including those that are related to mathematic and more. This resources includes details on job duties, skills, salary and entry requirements.

<https://nationalcareers.service.gov.uk/job-categories/business-and-finance>



Youth Employment UK - STEM Careers Guide:

Youth Employment UK provides resources on careers related to STEM (Science, Technology, Engineering and Maths)

<https://www.youthemployment.org.uk/careers-hub-sector/stem-careers/>

