

The future of jobs

in maths



Maths teaches you to use numbers, symbols and formulae to solve problems. It equips you for fields such as engineering and technology – and enables logical, analytical thinking in all careers.

Subject skills:



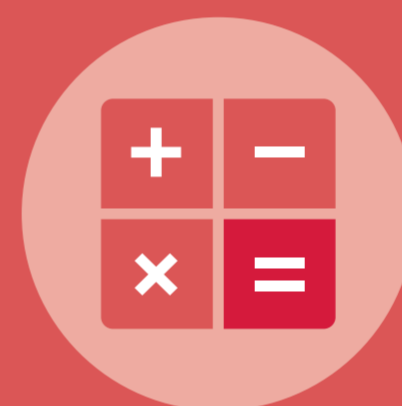
Data analysis



Logical thinking



Mathematical modelling



Numeracy



Problem solving



BANKING & FINANCE › CRYPTOCURRENCY TRADER

- Cryptocurrency traders buy and sell increasingly popular cryptocurrencies like Bitcoin and Ripple to make a profit.
- In 2018, cryptocurrencies were used to make alternative finance transactions worth \$304.5 billion across the world.
- There are an estimated 35 million cryptocurrency traders around the globe, with this number continuing to grow.

Subject skill

Logical thinking: You'll take a logical approach to evaluating markets to predict how cryptocurrencies will change in value.



MEDICINE & HEALTHCARE › BIOSTATISTICIAN

- Working with other scientists, you will carry out statistical analysis of biological data in fields such as medical research.
- The UK is a world-leader in areas of clinical research including heart disease, immunology and the nervous system.
- It is estimated that 133,000 new life science jobs will be created in the UK by 2030 with demand for maths and statistics growing.

Subject skill

Data analysis: You'll work with large amounts of data, calculating the risks and effectiveness of different treatments.

How will the most popular industries for maths graduates change?

Business › Hard maths skills are crucial for business analysts, a role which is growing quickly.

Information technology › Computer programmers use number systems and creative problem solving.

Education › Currently, only half of maths teaching hours are taught by those with a relevant degree.

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