

Shape your prospects: jobs with maths

Maths is part of just about everything; from calculation, measurement and the study of shapes and the motion of objects, to the science of patterns, for example, in numbers, space or computing. Maths is a vital skill in many fields including engineering, science, medicine, business and social sciences.

There are many routes available after GCSEs. These include taking maths to A level, Diploma courses (in subjects such as engineering, environmental and land based studies) and relevant apprenticeships in areas such as construction and engineering. See your local area prospectus for further information.

Taking maths and other STEM subjects will open up a variety of career options providing you with skills that will make you very employable. Mathematical careers include those which need an advanced knowledge of mathematics, as well as those which require a ability with figures. Here is a list of some of the many jobs that skills and qualifications in maths and other STEM subjects can lead you to.

Title	For more information see Jobs4U	Title	For more information see Jobs4U
Acoustician		Land-based Engineer	
Actuary		Production Engineer	
Astronomer		Marine Engineer	
Civil Engineering Technician		Mechanical Engineer	
Medical Physicist		Mining Engineer	
Computer Hardware Engineer		Nuclear Engineer	
Systems Analyst		Oil and Gas Engineer	
Aerospace Engineer		Geophysicist	
Chemical Engineer		Merchant Navy Engineering Officer	
Broadcast Engineer		Naval Architect	
Building Services Engineer		Operational Researcher	
Chemical Engineer		Physicist	
Civil Engineer		Statistician	
Design Engineer		Building Control Surveyor	
Electrical Engineer		Engineering/Land Surveyor	
Electronics Engineer		Stock Market Dealer/Trader	



Science, Mathematics and Statistics



Financial Services



Building and Construction



Healthcare



Computers and IT



Engineering



Transport and Logistics

For further information

Check out the linked job profiles and case studies on www.connexions-direct.com/jobs4u/
For more information about careers with maths and science go to www.futuremorph.co.uk. Futuremorph links to useful websites for other organisations who will be able to help.
Job profiles and case studies can be viewed on www.mathscareers.org.uk

See also

www.moremathsgrads.org.uk

www.scienceandmaths.net

www.enginuity.org.uk

www.apprenticeships.org.uk

www.science-engineering.net can help you find the right course in higher education