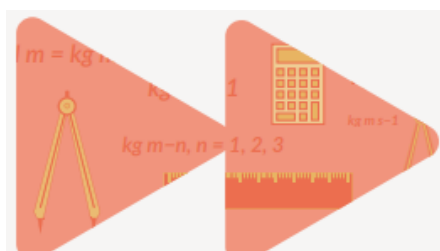


Teacher resources	CAREERS	Advice
Math Careers website	Careers Opportunities	Where can Maths take you?
Maths Posters	Mathematics & Cryptography	Why study Maths?
Maths careers - Posters	Jobs that use Maths	Who Employs Mathematicians?
Teachers Resources - Careers in Maths	Maths Jobs	What to do with a Maths Degree
Preparing Teens for Work - Lesson Plan		
Future Morph		

My Learning, My Future

My Learning, My Future is a suite of resources that has been developed in partnership with The Careers & Enterprise Company and Skills Builder to help you speak confidently about careers related to your subject as well as the various pathways and skills needed by employers.

https://resources.careersandenterprise.co.uk/sites/default/files/2021-02/1438_My%20Learning%20My%20Future_Mathematics_FINAL.pdf



- Why study Maths?
- Essential skills
- Careers in the Curriculum
- Pathways

Maths, Why Bother?

Students asking why they have study maths? use these videos at the start of your topics to show them why!

<https://youtu.be/Ybe3gKeT7Jo>

<https://youtu.be/S-Xx22DaOvE>

<https://youtu.be/X0GI72XKiyI>

<https://youtu.be/3pccvFEW00k>

<https://youtu.be/b4Shg4r8gng>

<https://www.youtube.com/watch?v=JcEHR6O5E6Q>

<https://youtu.be/GlspObxnA7w>

<https://youtu.be/7EB0H1bhGT0>

<https://youtu.be/cJ1QPiGnGEM>

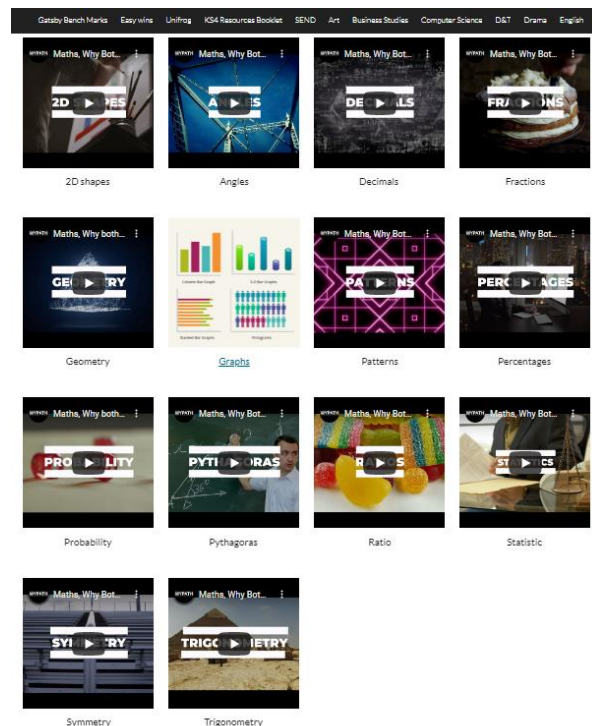
<https://youtu.be/KY8rRWvmt5c>

<https://youtu.be/BU9mKlvfxYU>

<https://youtu.be/JqTjXQuXRvY>

https://youtu.be/WMV_bw17Jzl

<https://youtu.be/v62GGaDpk9Q>



Financial Literacy Skills Curriculum

PWcs Financial Literacy Skills Curriculum aims to ensure pupils have a broad understanding of essential financial terms, products and services so they can make informed and effective decisions with their financial resources, but also ensuring the foundational financial knowledge and skills expected in most jobs. The sessions also develop multiple employability skills



<https://www.pwc.co.uk/who-we-are/our-purpose/empowered-people-communities/social-mobility/employability-skills-toolkit/financial-literacy-skills-curriculum.html>

<https://youtu.be/cstRIZ-8ZI>

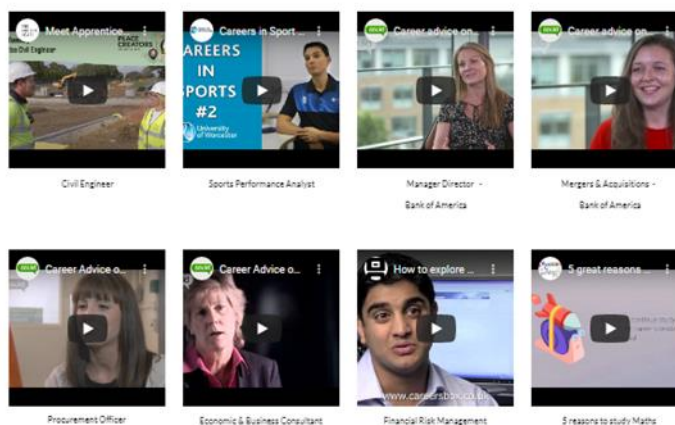
<https://youtu.be/ay4ajSwidJk>

<https://youtu.be/iriWsoo7NLw>

<https://youtu.be/ZvVxuiB-7Rk>

<https://youtu.be/YnKk3gum990>

5 Minute Career Videos



<https://youtu.be/PZEnFBgmOgl>

<https://youtu.be/88FMbPgzg3Y>

<https://youtu.be/4ApLzQvMSxc>

A postcard from PwC

How studying Maths has helped me at PwC: <https://www.pwc.co.uk/who-we-are/our-purpose/empowered-people-communities/social-mobility/employability-skills-toolkit/careers-in-curriculum-case-studies/maths.html>

See how studying Maths has help these employees be more successful at their job



Careers in Maths

<https://youtu.be/ePfyZ-5HL8>



How to become a senior researcher

<https://www.bbc.co.uk/bitesize/articles/zv33nrd>

<https://www.bbc.co.uk/bitesize/articles/zrhpwty>

<https://www.bbc.co.uk/bitesize/articles/z7jkbdm>

<https://youtu.be/OXzYfLenJA0>



How to become an aircraft engineer



How maths scored me a job in fantasy football



Why learn maths!?

MATHEMATICS

√ ∞ > + ≈ = ± ×

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



find out more at

planitplus.net





WHERE CAN MATHS TAKE YOU?



ACCOUNTANCY

Over **840,000 people** work in the UK accountancy industry. There are over 164,000 accountancy students in the UK and Ireland, with **numbers growing**.

Career paths: Auditor, forensic accountant, tax accountant



BANKING & FINANCE

Technology is becoming increasingly important across this industry – but **62% of employers say the digital skills gap is widening**, more than any other industry.

Career paths: Analyst, retail banker, stockbroker



ENGINEERING

The proportion of young engineers has dropped over the last decade. This means there will be **high demand for younger workers** in the years to come!

Career paths: Mechanical engineer, quantity surveyor, software engineer



INSURANCE & PENSIONS

The UK insurance industry employed nearly **280,000 people in 2016** – that's almost a **third of all financial services jobs**.

Career paths: Actuary, fund manager, underwriter



IT & THE INTERNET

People with qualifications in Information Technology have **one of the highest rates of employment in the UK**.

Career paths: A.I. programmer, forensic technology associate

EMPLOYER:



At GSK, we need strong problem-solvers with great analysis and logical reasoning skills, from scientists and engineers to finance analysts. Studying maths is a sure way to develop these skills.

EMPLOYER:



Aon needs Apprentices with analytical and numerical skills to assess and predict risk across a range of areas from Life Expectancy to Natural Catastrophe. Maths will enable you to decipher and interpret complex information, to model risk and plan for the future.

EMPLOYER:



At Jaguar Land Rover we're creating technology to make driving smarter, safer, and cleaner. Studying Computer Science gives you the core skills to help drive this revolution. On our apprenticeships, you'll learn how to apply your skills and knowledge as a Digital Technology professional.



Visit successatschool.org to learn more

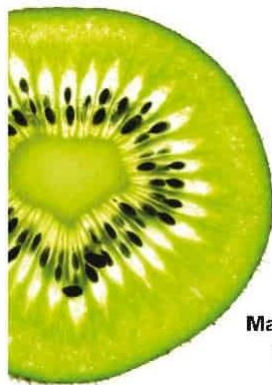
[f @successatschool.org](https://www.facebook.com/successatschool.org) [@successatschool](https://twitter.com/successatschool)

WHEN WILL I EVER NEED MATHS?

Reorder: info@pinstripagroup.co.uk - quote 41817
Design: info@jamesanthonygraphics.com

Well, you might have to use it in Food Technology...

- Design a **questionnaire** to find out people's views about a new product.
- Calculate the **percentage** of carbohydrate in a product.
- Use your knowledge of **pie charts** to design a meal which follows the advice of the 'eatwell plate'.
- Work with **money** using a **calculator** to compare the prices in three different supermarkets.
- **Substitute** values into a **formula** to work out your body mass index.
- Understand the **ratio** of fat to flour in different pastries.
- **Calculate** the cost per portion for a recipe, **rounding** your answer to a suitable **accuracy**.
- Use **negative numbers** to compare low and high temperature methods of food preservation.
- Use your knowledge of **metric units** to **convert** between grams and kilograms when following a recipe.
- Convert between **metric** and **imperial** units of **weight** and **volume** when using old recipes.



Maths has lots of applications and is a vital asset in many degrees and careers. To find out more about where maths is used and maths-related careers visit: www.mathscareers.org.uk

