

10 Great Reasons to become a scientist or engineer

1

Develop all this...

- **Artificial limbs** for the injured and **medicine** for diseases like Ebola
- **3D games consoles** and **solar powered laptops**
- **Make-up that automatically matches skin tone**
- Systems to **reduce the risk of flooding**
- **Driverless vehicles** and **spacecraft** for future tourists
- **Smart fabrics** with in-built digital technology
- **Supercomputers** that predict the effects of climate change

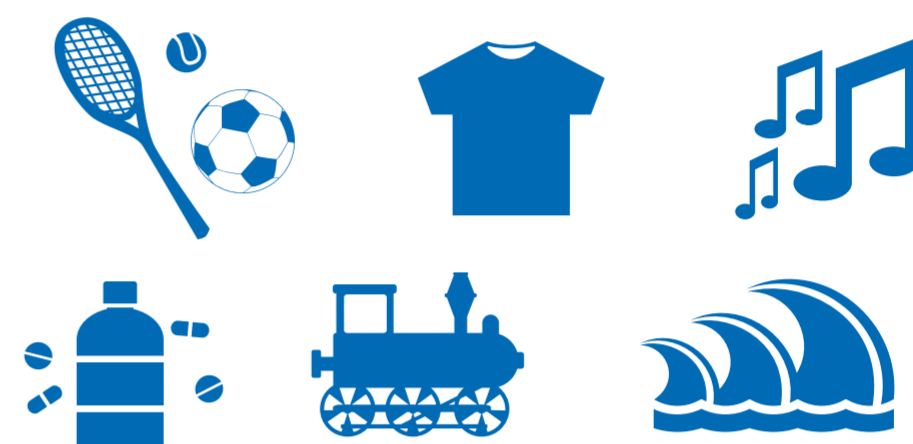
...and more



2

Work in your favourite industry

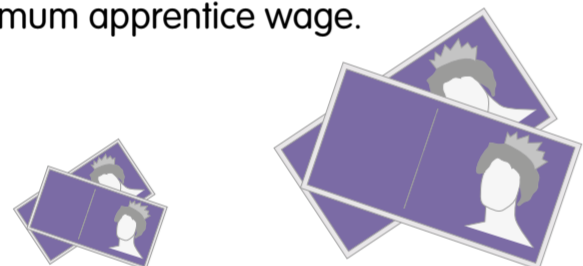
From **food, medicine** and **renewable energy** to **sport, film** and **music** – **scientists and engineers are needed everywhere**



3

Earn great money

On average, engineering apprentices **earn almost double** the national minimum apprentice wage.



Minimum apprentice wage

Engineering apprentice wage

The average starting salary for people with **engineering and technology degrees** is **20% higher** than for all graduates.

4

Make a difference

Help tackle some of the world's **biggest challenges**, like **responding to natural disasters, improving cyber security** and **developing clean energy sources**.



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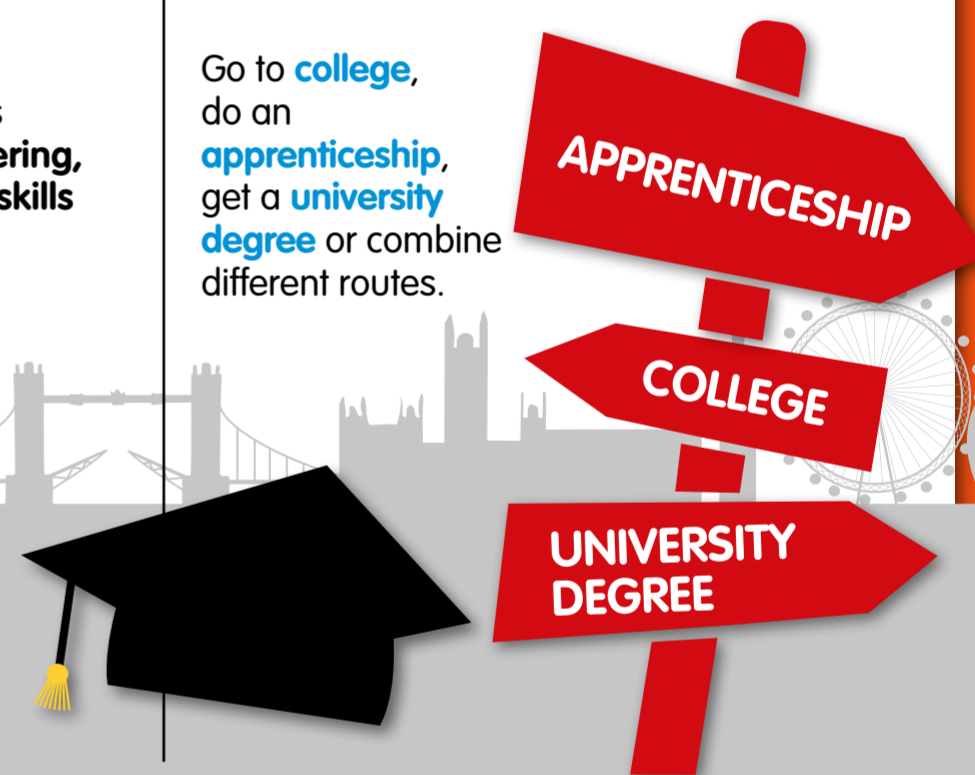
Be in demand

Between now and 2024, around **2.5 million** jobs requiring **science, engineering, technology** and **research skills** need filling.

6

Choose your own route

Go to **college**, do an **apprenticeship**, get a **university degree** or combine different routes.



7

Have your pick of future careers

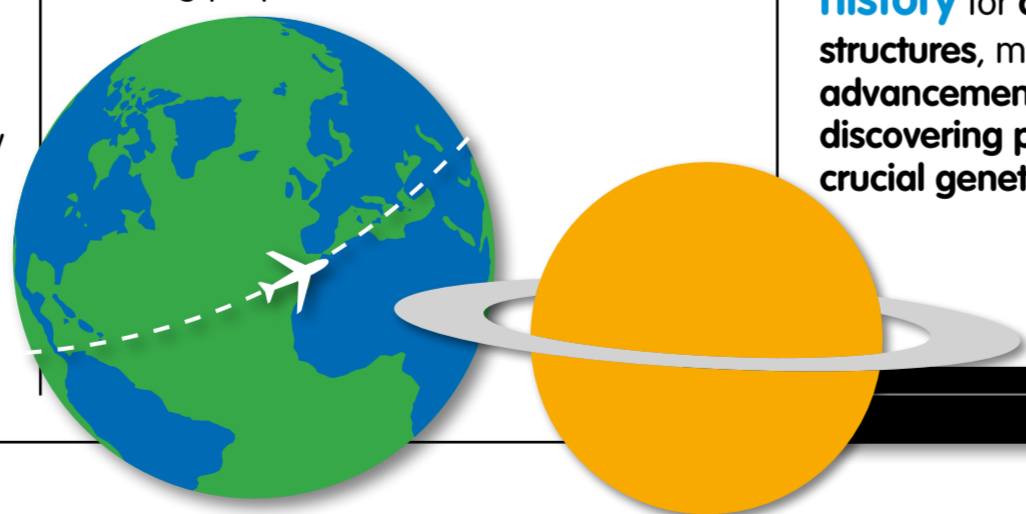
Capture tidal energy, design a robot, discover a cure for cancer... or do a job that doesn't even exist yet!

Continuing with maths and science – especially physics – keeps your options open for as long as possible for jobs in **science, engineering, technology, law, business, space, architecture** and much more.

8

Travel the globe

Work in dynamic teams with people from different backgrounds, on exciting projects all over the world.



9

Gain respect

Be remembered for your work and go down in history for **designing incredible structures**, making awe-inspiring **advancements in technology**, **discovering planets** or **identifying crucial genetic codes**.

10

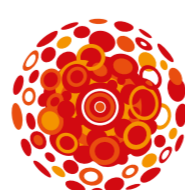
Design, create and innovate

Subjects like design and technology, art and computing can help pave the way to careers that **revolutionise the way we live**.



Find out more about careers in science, technology, engineering and maths:

- engineering:** tomorrowsengineers.org.uk
- biology:** rsb.org.uk/make-a-difference
- chemistry:** rsc.org/careers/future
- physics:** physics.org/careers
- maths:** mathscareers.org.uk



The Big Bang

Tomorrow's Engineers



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