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

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 over double the national minimum apprentice wage.

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.

5. Be in demand
   - The UK needs over 2 million new scientists, engineers and technicians by 2022.

6. Choose your own route
   - Go to college, do an apprenticeship, get a university degree or combine all three.

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!

8. Travel the globe
   - Work in dynamic teams with people from different backgrounds, 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:
- thebigbangfair.co.uk/careers
- engineering: tomorrowsengineers.org.uk
- biology: rsb.org.uk/make-a-difference
- chemistry: rsc.org/careers/future
- physics: physics.org/careers
- maths: mathscareers.org.uk

Take our short quiz to discover your crew and gain careers inspiration: thebigbangfair.co.uk/whosecrewareyou

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UK Young Scientists & Engineers

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Tomorrow’s Engineers