

# FUTURE CHOICES NEWSLETTER

Year 8

SEPTEMBER  
2022



## ENTERPRISE ADVISOR SUPPORT- KEY SKILLS

As part of our connections with the Careers and Enterprise Company, we are partnered with an enterprise advisor who is a volunteer from the local community who works with us to develop the Careers Programme we have across the school.

This is a message from our Enterprise Advisor:

*Hi, my name is Anna Beasant and I'm your volunteer enterprise advisor. My role is to partner with the St Edward's careers department, offering my knowledge, skills and experience of the world of work and my network to support a strong careers programme that benefits all students. I have broad careers experience having served in the military, worked for science organisations and the NHS as well as small medium businesses; I'm happy to talk with anyone about anything careers related, please contact Mrs Eastwood who will pass on my contact email.*



Anna Beasant



## Jargon Buster for Parents - "Level 1 and 2 Courses" and "Apprenticeships"

Both Level 1 and Level 2 courses are taken at KS4 (Years 10 & 11) and sometimes at KS5 (Years 12 & 13). These qualifications enable students of all abilities to engage in challenging learning with the opportunity to make further progression at the end of the courses.

Examples of a Level 1 course are GCSEs (lower grades 1-4), Level 1 Functional or Essential Skills qualifications and Level 1 awards and diplomas.

Level 2 qualifications include GCSEs (higher grades 5-9) and some NVQs and BTECs.

Apprenticeships are a way of studying in a vocational way. Employers offer apprenticeships that help students study and train in a wide range of business sectors, from beauty and construction to web technology and engineering. Students spend most of their time working and getting trained under supervision. They will also do part-time study - which is often held as classroom learning, e.g. in a Further Education college - towards their qualification.

## Walkers Challenge

This term, Year 8 students will be taking part in the "Walkers Challenge" delivered by our Careers Advisor, Mr Rigby. During the one hour session, students will focus on national and local labour market information. Students will then discuss the various job roles involved in the production of one item, for example, a packet of crisps, from farming all the way to marketing.

For just one bag of crisps, there will be at least 16 different functions involved in getting them from the farm to your fingers. These functions cover areas such as Engineering, Sales, Marketing, IT and within these functions there will be lots of teams of staff with different responsibilities and roles working together to get the crisps ready to be eaten.



# Careers in the Curriculum

We will be sharing information regarding Careers within the Curriculum, with a different subject being featured in each edition of our *Future Choices* Newsletter. In this edition, the chosen subject is Technology.

Design and Technology gives you the skills and abilities to engage positively with the designed and made world and to harness the benefits of technology. By learning how products and systems are designed and manufactured, how to be innovative and to make creative use of a variety of resources including digital technologies, you will understand how to improve the world around you.

As technology continues to grow and evolve, so does the need for people with strong backgrounds in design. Choosing a career in the design and technology sector allows you to combine your knowledge and passions into a single, fulfilling role. These rewarding careers often offer ample room for creativity and innovation, making them an appealing choice for many;

- Sound engineer
- Graphic designer
- Interior designer
- Industrial designer
- Video game designer
- Art director
- Web developer
- Civil engineer
- Mechanical engineer
- Robotics engineer
- Systems engineer
- UX designer
- Aeronautical engineer
- Architect
- Software developer



There are many designers who are household names; Product Design – James Dyson, Architecture – Zaha Hadid, Product Design – Philippe Starck, and Industrial Design – Sir Jonathan Ive. To exemplify the variety of opportunities that students of Design and Technology go on to enjoy, here are few famous names with a Design and Technology degree to their name: Architecture: Courtney Cox – before playing the role of Monica in *Friends*, she studied architecture and interior design. Design: Freddie Mercury – studied art and graphic design, later becoming the lead singer of Queen and designing the band's logo. Samuel L. Jackson – initially studied architecture before turning to acting, including roles in *Star Wars*, the *Marvel* films and *Snakes on a Plane*.

Engineering is the application of mathematic and scientific principles to solve problems. Engineers research, invent and refine processes across a wide range of fields including medicine, transport, electronics, and much more. Most of what you see around you was designed by an engineer somewhere. Engineering is a fascinating and ever-evolving subject to study and work in. There are many specialities to choose from according to your interests, as well as a huge range of jobs available. As an engineer, you can make your mark on the world in a positive and enduring way. You could be working in many different industries, making lasting changes to the world. As an engineer, you'll use the latest technology to design products and systems. From international opportunities to high earning potential, there are many great reasons to study engineering.

You may be surprised at the paths engineering can lead you down, it's not all construction and building sites; engineering can lead to a career in the medical field or economics – it is a widely diverse profession to choose.

There are many engineers who are household names from engineers of the past such as Thomas Edison and Henry Ford to the modern-day engineers of James Dyson and Elon Musk, but to exemplify the variety of opportunities that students of engineering go on to enjoy, here are few famous names with an engineering degree to their name:

Rowan Atkinson – he may be known for his comedy acting in *Mr Bean* and *Blackadder*, but he actually has an undergraduate degree from Newcastle University and a masters in electrical engineering from the University of Oxford. Carol Vorderman – studied engineering at the University of Cambridge and later became famous for presenting *Countdown*. Cindy Crawford – the model and actress once studied chemical engineering.

