

## Careers in Design and Technology

### **Where can DT take you? Anywhere!**

Design and Technology (DT) can open the door to so many exciting careers in the future! By learning how to design, build, and solve problems, children develop skills that are useful in jobs like engineering, architecture, product design, robotics, and even fashion or game design. DT encourages creativity, teamwork, and thinking in new ways—helping children imagine, create, and shape the world around them. Whether they dream of inventing something new or improving everyday life, DT is a great place to start their journey. Here are some examples of parents and carers at The Coppice, whose careers involve DT!

### **Lucinda Williams: Anaesthetist**

“I am an anaesthetist. An anaesthetist is a hospital doctor who helps people feel safe and comfortable when they have an operation. They give medicine to make sure a patient doesn't feel pain and to keep the patient asleep. The anaesthetist also makes sure the patient is breathing properly and their heart is working well while they are asleep. After the operation, they help wake the patient up and make sure they feel okay.”



### **Stephen Fielding: Jaguar Land Rover Powertrain Product**

#### **Development**



“I have worked at Jaguar Land Rover for over 11 years. I develop and test engines. I work with the Powertrain Product Development area of the business. Powertrains are the things that make cars and trucks go, such as engines and gearboxes. We test in lots of different conditions – sometimes even when they aren't 'safe' for the road. Some things in the engine happen so fast that we have to record a measurement 1,000 times a second!”

### **Amreena Kite: National Contracts and Commercial Manager**

“I am a National Contracts and Commercial Manager for a leading global healthcare organisation. My role sits at the intersection of science, healthcare, and business, where I lead national NHS procurement projects and work closely with clinical and scientific teams. This helps ensure hospitals have access to essential medicines, supporting safe and effective patient care across the UK. I hold a first-class BSc (Hons) degree in Pharmacology. My scientific background underpins my work, enabling a strong understanding of how medicines work in the body and how they are used in clinical practice. I am very passionate about showing young people how a foundation in science can open doors to a wide range of careers, not only in healthcare and research, but also in leadership, technology, and innovation. I hope to inspire students to stay curious, explore STEM subjects, and recognise the real-world impact science can have on improving lives.”



### **Faye Priddy: Radiographer**



“I am a Radiographer who works with MRIs. Radiography is a relatively unfamiliar profession and generally underrepresented, but it can offer lots of different career routes and pathways with fantastic opportunities. Radiographers use special machines (such as X-Rays and MRIs) to take pictures of people’s bodies to make sure nothing is wrong. X-Rays are used to check for broken bones. It’d be great to think some of The Coppice pupils will endeavour to become radiographers of the future!”

### **Sophie Rawlings: Children's Dietitian**

"I am a children's dietitian and have been for over 20 years. I see children between 0 and 19 years old. I work in clinics, children's centres, schools and homes. I provide advice around food for children who are poorly, have allergies, might need help to grow or get a particular nutrient. I also provide advice for children who can't eat normal food by mouth and may need to have a special milk through a feeding tube."



### **Adrian Jones: Electrician**

"I am a self-employed electrician, and I carry out various electrical tasks, from installing and fixing lights and plug sockets to much larger electrical works such as installing control panels and air conditioning units. I work in many different environments, including schools, universities, offices and hotels. I travel all around the UK, and I really enjoy it!"

**\*AWAITING PARENT CONFIRMATION (emailed 17.3.26)**

### **John Turrell: Microscopy**

“I work in microscopy. There are a lot of different fields that a microscope technician can work in, for example, they can work in manufacturing. This field allows me to look into how planes and cars work, and I even get to work with Formula 1! Alternatively, a technician could work in biological research, which allows the person to help doctors find out why a person is poorly.”



### **Adrian Jones: Electrician**

Waiting confirmation of photo



### **Jack Goulding: BIM Designer**

“I am a BIM designer. This means I produce 3D models and drawings on the computer for building services. These are the things that go into buildings to make them more comfortable, such as lighting, fans, plug sockets and radiators. I work with architects, structural engineers and builders to make sure a building has everything it needs.”

