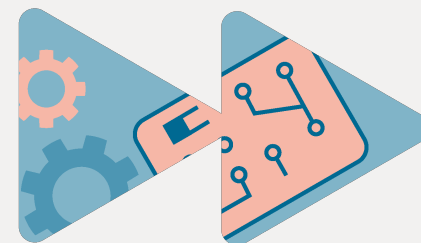




My Learning, My Future

Where can studying Design Technology take you?

Highlighting the relevance of Design Technology
to future careers and opportunities





Why Design Technology matters

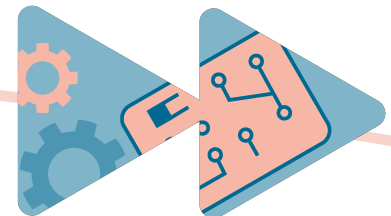
Have you ever considered where studying Design Technology can take you?

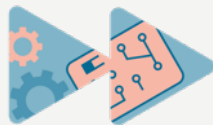
Today, we'll be exploring some of the career opportunities that are available to you, as well as the various pathways you can take to get there.

What careers can you think of that use Design Technology?

What do you think these roles involve (daily task, etc.)?

What skills do you think you might need for these roles?





Explore a career as a...

Here are some
example roles and
careers linked to
Design Technology



Architect

BBC Bitesize case study



Machine Operator/
Engineering
Operative

BBC Bitesize case study



Energy Assessor

BBC Bitesize Video

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Explore a career as a...

Here are some
example roles and
careers linked to
Design Technology

THE CAREERS &
ENTERPRISE
COMPANY



Civil Engineer

BBC Bitesize Video



Motor Mechanic

BBC Bitesize case study



Discover more about the role

Explore careers using [National Careers Service](#) and find out about what jobs involve and how they are right for you

Includes:

- Average Salary
- Typical Hours
- Work patterns
- Pathways/How to Become
- Essential Skills
- Daily Tasks

Research Ideas:

Energy Assessor
Architect
Machine
Operator/Engineering
Operative
Civil Engineer
Motor Mechanic

National Careers Service

We provide information, advice and guidance to help you make decisions on learning, training and work.

This service is available to people who live in England.

Skills assessment	Explore careers	Find a course
Learn more about your skills and match them to potential new careers.	Choose from over 800 career profiles to discover what each job involves.	Look for online learning opportunities and training courses local to you.
Assess your skills	Search job profiles	Look for courses

Careers advice

Making career choices	Getting a job	Progressing your career
Whether starting your career, changing job or if you have been affected by COVID-19, understand and make the right choice for you.	Be successful in the recruitment process with tips on great CVs, interviews and graduate scheme applications.	Move up in your career by developing new skills. Find opportunities like volunteering and online learning.

About us

The National Careers Service can help you with your career, learning and training choices. [Find out more](#) about the different ways we can support you.

Speak to a careers adviser

Wherever you are in your decision-making, you can call us on [0800 100 900](tel:0800100900) or [use webchat](#).

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Where can Design Technology take you

Pathways at 16

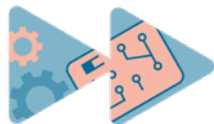
Example Post 16 Routes

- A-Level Product Design
- A-Level Design and Technology
- BTEC Engineering
- T-Level Design, Surveying and Planning for Construction
- T-Level Building Services Engineering for Construction
- T-Level Onsite Construction

Apprenticeship Ideas

- Furniture Design Technician
- Puppet Maker
- Construction
- Engineer





Where can Design Technology take you

Pathways at 18

Example Degrees:

- Product Design Engineering
- Product Design
- Product Design and Technology
- Engineering

Apprenticeship Ideas

- Furniture Design Technician
- Puppet Maker
- Construction
- Engineer



TECHNOLOGY
WE'VE GOT THE APPRENTICESHIP FOR YOU!

SOFTWARE DEVELOPER
build and test simple, high-quality code for all kinds of software.

DIGITAL AND TECHNOLOGY SOLUTIONS SPECIALIST
investigate, identify and implement technology strategic solutions.

CREATIVE VENUE TECHNICIAN
provides technician support for the construction, rehearsal, presentation and removal of a live performance.

CYBER SECURITY TECHNOLOGIST
manage and deal with cyber threats, hazards and risks to protect organisations, systems and people.

UNIFIED COMMUNICATIONS TROUBLE SHOOTER
install equipment and software, handle incidents and requests for help.

MORE INFO

There are many other apprenticeships you might be interested in:
Aerospace Technology Engineer, Software Engineer, Nuclear Technician, Railway Engineering Design Technician, Archaeological Technician, Geospatial Survey Technician and many more!

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to find out more.

[Read more >](#)



Essential Skills

Here are three
key skills needed
for a career that
uses Design
Technology



	Video	Skills Builder Resource KS3	Skills Builder Resource KS4
The use of imagination and the generation of new ideas	Watch here	Short Lesson Teamwork Step 6-8	Short Lesson Teamwork Step 8-10
The oral transmission of information or ideas	Watch here	Short Lesson Creativity Step 6-8	Short Lesson Creativity Step 8-10
The ability to find a solution to a situation or challenge	Watch here	Short Lesson Problem Solving Step 6-8	Short Lesson Problem Solving Step 8-10

The background is a vibrant collage of geometric and organic shapes. It includes several interlocking gears in shades of orange and blue. A large orange pencil is positioned at the top. There are various patterned rectangles: one with orange dots on a blue background, another with blue dots on an orange background, and a third with a blue and orange checkered pattern. A large, flowing orange shape with blue wavy lines is on the right side. The overall color palette is dominated by orange and blue.

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