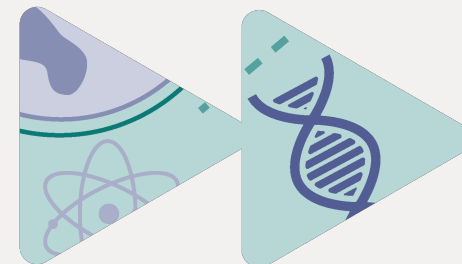




My Learning, My Future

Where can studying Science take you?

Highlighting the relevance of Science
to future careers and opportunities





Why Science matters

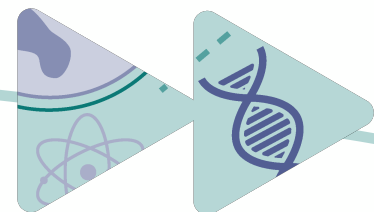
Have you ever considered where studying Science can take you?

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 Science?

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 Science



Electrical Engineer

BBC Bitesize Video



Medical Physicist

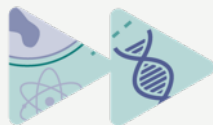
NHS case study

Making a difference



Research Scientist

NHS case study



Explore a career as a...

Here are some
example roles and
careers linked to
Science



Architect

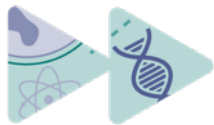
BBC Bitesize case study

BBC Bitesize case study



Ecologist

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:

Electrical Engineer
Medical Physicist
Research Scientist
Architect
Ecologist

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

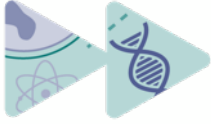
The National Careers Service can help you with your career, learning and training choices. [Find out more](#) about the different ways we can support you.

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 Science take you

Pathways at 16

Example Post 16 Routes

- A-Level Physics, Biology and Chemistry
- BTEC Applied Science
- T-Level Health
- T-Level Healthcare Science
- T-Level Building Services Engineering for Construction
- T-Level Science

Apprenticeship Ideas

- Science Technician
- Pharmacy Assistant
- Data Science Degree
- Analytical Laboratory Scientist Degree
- Healthcare Science



SCIENCE
WE'VE GOT THE APPRENTICESHIP FOR YOU!

NUCLEAR SCIENTISTS AND ENGINEERS
observe, record and draw conclusions from data to provide suitable solutions to nuclear applications.

LABORATORY SCIENTISTS
carry out laboratory based experiments in their specialist field in order to find new solutions to problems.

FOOD INDUSTRY TECHNICAL PROFESSIONALS
ensure the smooth transition of food and drink products from farm to fork. They also ensure the safety and quality of food and drink products.

HEALTHCARE SCIENCE PRACTITIONERS
work in hospitals and other healthcare settings, carrying out routine procedures.

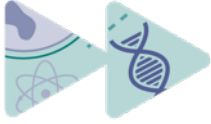
NURSES
give care, advice and support to sick, injured or disabled people.

MORE INFO

There are many other apprenticeships you might be interested in:
Food Scientist, Meteorologist, Forensic Scientist, Pharmacologist, Geospatial mapping Specialist, Acoustics Technician, Non-Destructive Testing Engineer and many more!

Brought to you by National Apprenticeship Service

Visit [apprenticeships.gov.uk](https://www.apprenticeships.gov.uk) to find out more.



Where can Science take you

Pathways at 18

Example Degrees:

- Electrical and Electronic Engineering
- Medicine
- Biomedical Science
- Biochemistry
- Natural Sciences

Apprenticeship Ideas

- Science Technician
- Pharmacy Assistant
- Data Science Degree
- Analytical Laboratory Scientist Degree
- Healthcare Science



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Service

Visit [apprenticeships.gov.uk](https://www.apprenticeships.gov.uk)
to find out more.

[Read more >](#)



Essential Skills

Here are three key skills needed for a career that uses Science.



The use of imagination and the generation of new ideas

Video

[Watch here](#)

Skills Builder
Resource KS3

[Short Lesson
Staying Positive
Step 6-8](#)

Skills Builder
Resource KS4

[Short Lesson
Staying Positive
Step 8-10](#)



The oral transmission of information or ideas

[Watch here](#)

[Short Lesson
Aiming High Step
6-8](#)

[Short Lesson
Aiming High Step
8-10](#)



The receiving, retaining and processing of information or ideas

[Watch here](#)

[Short Lesson
Problem Solving
Step 6-8](#)

[Short Lesson
Problem Solving
Step 8-10](#)



My Learning, My Future

THE **CAREERS &
ENTERPRISE**
COMPANY