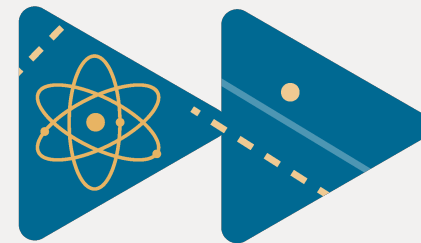
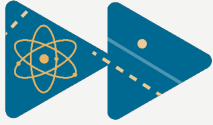


My Learning, My Future

Where can studying Physics take you?

Highlighting the relevance of Physics
to future careers and opportunities





Why Physics

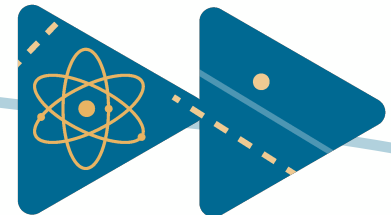
Have you ever considered where studying Physics can take you?

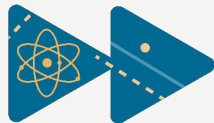
Today, we'll be exploring some of the career opportunities that are available to you, as well as the various pathways you can take to get there.

What careers can you think of that use Physics?

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 Physics



Field Technician
(Wind Turbine)

BBC Bitesize Video



Electrical Engineer

BBC Bitesize case study

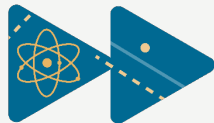
STEM case study



Naval Architect

BBC Bitesize case study

My Learning,
My Future



Explore a career as a...

Here are some
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THE CAREERS &
ENTERPRISE
COMPANY



Risk Manager

BBC Bitesize Video



Prosthetist

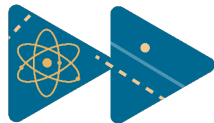
BBC Bitesize case study

NHS case study

STEM case study

STEM 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:

Field Technician (Wind Turbine)
Electrical Engineer
Naval Architect
Risk Manager
Prosthetist

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

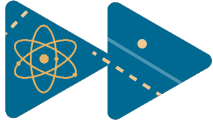
The National Careers Service can help you with your career, learning and training choices. [Find out more](#) about the different ways we can support you.

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 Physics take you

Pathways at 16

Example Post 16 Routes

- A-Level Physics
- BTEC Applied Science
- T-Level Building Services Engineering for Construction
- T-Level Science

Apprenticeship Ideas

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



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.

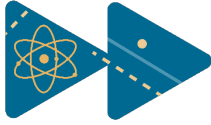
HEALTHCARE SCIENCE PRACTITIONERS
work in hospitals and other healthcare settings, carrying out routine procedures.

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!

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National
Apprenticeship
Service

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



Where can Physics take you

Pathways at 18

Example Degrees:

- Physics
- Medical Engineering
- Ocean and Geo Physics
- Astrophysics
- Geo Physics

Apprenticeship Ideas

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



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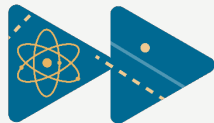
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to find out more.

[Read more >](#)



Essential Skills

Here are three
key skills needed
for a career that
uses Physics



	Video	Skills Builder Resource KS3	Skills Builder Resource KS4
The ability to use tactics and strategies to overcome setbacks and achieve goals	Watch here	Short Lesson Staying Positive Step 6-8	Short Lesson Staying Positive Step 8-10
The ability to set clear, tangible goals and devise a robust route to achieving them	Watch here	Short Lesson Aiming High Step 6-8	Short Lesson Aiming High 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



**My Learning,
My Future**

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