

GCW
GREEN CAREERS WEEK

**THE
CAREERS
DOWNLOAD**

GREEN CAREERS WEEK SPECIAL!

We are delighted to be bringing you Green Careers Week in partnership with STEM Learning which takes place from

7TH - 12TH NOVEMBER 2022



#GCW2022

Who is involved in Green Careers Week?

With eleven years' experience of working alongside partners and sponsors to ensure National Careers Week is always free, we wanted to apply our expertise and experience to GCW too!

And, WOW, have the partners and sponsors stepped up to help? (Hint: YES!)

The graphic below gives you a snapshot insight into the organisations who have pledged to support Green Careers Week and as the weeks progress we'll release more details and resources available to make your #GreenCareers Week as good as it can be.

OUR PRIMARY PARTNERS



Foreword

Green careers are vital for the future prosperity of the United Kingdom and the planet. We are delighted to be partnering with the UK Space Agency and National Careers Week to launch Green Careers Week.

The UK was one of the first major economies to legislate to greatly reduce our contribution of greenhouse gas emissions by 2050 and seek to address climate change. Green careers are essential in achieving Net Zero.

There are green career opportunities in every sector; this week will raise awareness of green career pathways and offer young people an empowering vision for their future career.

Dr Alex Brown
Enrichment Programme Manager
STEM Learning

[bbc.co.uk/news/world-58549373](https://www.bbc.co.uk/news/world-58549373)

HEADLINE PARTNER ANNOUNCEMENT!



We are hugely proud to announce that the Headline Partner for Green Careers Week is the UK Space Agency – an agency that contributes an annual UK income worth £16.5 billion and supports over 47,000 jobs across the nation.

In their own words: “The UK Space Agency inspires and leads the UK in space to benefit our planet and its people” and as Headline Partner for Green Careers Week we will truly be able to inspire young people and educators to understand the worlds of technology and sustainability.

Green Careers already provide thousands of jobs and career opportunities enhancing the world we all live in as well as reducing the impact of humanity on the planet. It is our hope that Green Careers Week provides the impetus young people need to investigate these exciting opportunities further for their bright, green, sustainable and low-carbon futures.



What is Green Careers Week?

Simply, an insight into and exploration of the current and future careers which will help the planet move towards net zero with reduced impact on the environment in all areas of society.

Young people are the future and we and our partners want to ensure they will have the skills and inspiration to work in areas that will make the future brighter for everyone.

Why Green Careers Week now?

Increasingly the world is changing. The effects of decades of burning fossil fuels to travel, heat our homes and power industry is changing the planet's eco-system.

Without change, global warming will seriously and irreparably damage the world – a world young people will inherit.

We at National Careers Week decided we should open up the world of Green Careers to all young people and share the incredible and growing opportunities that exist in positively changing the planet – new technology to help the earth to re-balance, technology and engineering that can create life-supporting energy with no additional carbon burden on the world as well as providing insights into solving some of the world's most urgent problems.

A recent Bath University study across ten countries found that nearly 60% of 10,000 16-25 year-olds surveyed said that they were said they 'felt very worried or extremely worried about climate change' and 75% felt that the future was 'frightening'.

With this being the case, it seems crucial to involve young people in solving these issues and that's why we have created GCW2022.

#GCW2022

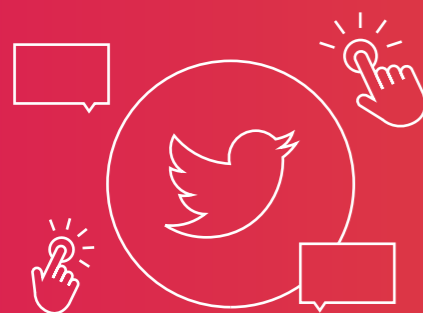
How can you and your students get involved in Green Careers Week?



Save The Date
7TH - 12TH NOVEMBER 2022



Download the graphics pack
HERE to prepare your school
for the week.



Follow
@GREEN_CAREERS and
@CAREERSWEEK
on Twitter



Share what you're planning
and what you get up to during
the week on Twitter with the
#GCW2022 hashtag.



GREENCAREERSWEEK.COM

Have a look at the resources and tools on the website.

HEADLINE PARTNER ANNOUNCEMENT!



STEM Learning is the UK's National Centre for STEM learning.

STEM Learning works in collaboration with the UK Government, employers large and small, organisations and educational establishments to deliver positive STEM interactions for teachers, young people and beyond.

In addition to exploring the details of STEM subjects – Science, Technology, Engineering and Maths – STEM Learning has partnered with us to inform, educate and inspire people about the future of working in sustainability, green technology and making the world a safe place for us all into the future.

We've developed a pack of resources and graphics for supporters of GCW and keep your eyes on @Green_Careers and #GreenCareers for releases as they become available.

What will future green careers look like?

There will, of course, be hundreds of different and new jobs and careers in the future – many connected to the environment and improving the sustainability of almost all areas of our lives...some of these will be difficult to predict, but some are already starting and have been collated in a number of places. According to Global Citizen in a recent article, there are six main areas where green careers – or careers and jobs where environmental protection will be a major thrust – will really flourish, they are as follows:



Green Design

Building recycled or sustainable products, elements or processes into everyday manufacturing techniques and products – including clothes, buildings and technological products.

Environmental Scientist

A predicted 8% increase in the need for scientists to work on predicting climate change effects on all areas of the globe between 2020 and 2029 means that this area of STEM-based career application will mean great jobs and great opportunities.

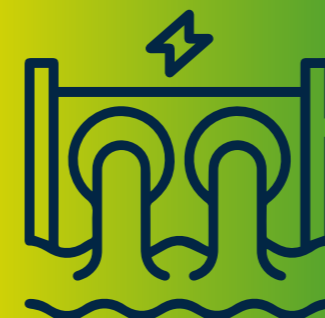


Green Home Architect / Builder

There will be an increasing need to make new and existing homes more environmentally-friendly, reduce the energy consumption and use less-impactful materials. Experts in the industry will increasingly need skills at the design, development, adaptation and construction phases of building to make this happen.

Sustainability Consultant

Engineers and experts hired to provide audit expertise and assessments to help make organisations and companies more environmentally efficient and reduce their carbon footprint.



Wave Power Engineer

Harnessing the power of sea movement to create energy. As an island, the UK has plenty of places where this could be applied.

Urban Agriculture

Using technology to harness the power of vertical farming and growing crops in small patches of urban land.



PARTNER ANNOUNCEMENT!



We are delighted to officially announce World Wildlife Fund as a Headline Partner for Green Careers Week.

The WWF is the world's leading independent conservation organisation. Their mission is to create a world where people and wildlife can thrive together.

The WWF has a number of thematic elements to their work, the majority of which have a 'green' underpinning and all of which aim to dramatically improve the world we live in for all living things. This means that they are invested in the values and elements of roles and careers that aim to improve the sustainability of food and energy, tackling the climate crisis, preserving and conserving species, valuing the world's resources, empowering all communities, reducing business impact on the environment and advocating finance and economic policies to support sustainability.

Our partnership will help to ensure sustainable careers will be placed at the forefront of careers education and will represent an exciting range of opportunities for young people as they look towards their future, and the future of the planet.

#GCW2022

How to get involved



Please follow and keep checking in at @Green_Careers and @CareersWeek on Twitter to see the digital resources, films and opportunities we are developing for you.

@GREEN_CAREERS

@CAREERSWEEK



#GCW2022



SAVE THE DATE!

7TH-12TH
NOVEMBER 2022

GREEN CAREERS WEEK

The Royal Society x Green Careers Week project

Since 1660, The Royal Society has existed to share and develop the most powerful scientific ideas and its motto 'Nullis in verba' or 'take nobody's word for it' gives an insight into the emphasis the society puts on research and discovery in all areas of science – that's why they make a perfect partner for Green Careers Week.

There are many myths around the environment, climate change and what we can (and must) do to reverse it – a fine parallel to the frequent confusion and misunderstandings about the quickly-developing world of careers education and what the future of work *might* look like.

We're launching GCW alongside The Royal Society with a fantastic, funded project open to all schools across the UK: an exclusive opportunity to work with National Careers Week and a STEM Expert through the Royal Society's Partnership Grants scheme. The Partnership Grants scheme funds schools to carry out funded investigative research projects in partnership with a STEM professional.

A £2,250 grant is available for the school to run the project with £750 going to NCW who will support schools with Career experts, sharing good practice and resources.

THE
ROYAL
SOCIETY

A £2,250 grant is available for the school to run the project with £750 going to NCW who will support schools with Career experts, sharing good practice and resources.

There are three themes for the investigative projects, all based around the environment and / or sustainability and all of which will provide brilliant hands-on insights into a Green Career:

- 1. Net Zero – what can we do as a school to reduce our dependence on the world's resources?**
- 2. Alt Power – how can we power our school by burning fewer fossil-fuels?**
- 3. Waste-Ed – how can we reduce waste across all areas of our school?**

We have highlighted the overview of the project areas in the following graphics which are taken from the PDF document outlining the entire scheme, the project scope and how to register & apply for the scheme which you can download **HERE**.

STEM Partner: Summary Proposal

Royal Society Green Careers and Climate Programme

School based funded project choosing from:

A STEM based climate project incorporating ongoing testing and researching climate impact over the course of a 12-month initial period. This project will include working with a scientist external specialist and with NCW to record and share the activities. NCW will support all schools with the brokering of relationships throughout.

The choices of projects are as follows:

National Careers Week

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1. Net Zero

Project title: How can we reduce the carbon footprint of [school name]?

Overview

To research and devise a programme of reducing your school's carbon footprint in your community.

Students will be encouraged and helped to work with an external scientist to analyse and record their school's carbon footprint and then create a strategy to address this with a programme to reduce it. It is an opportunity for students to apply creative thinking and science to work collaboratively in a problem-solving challenge.

STEM Partner: Summary Proposal

2. Alt Power

Project title: How can we reduce the usage of fossil fuels at [school name] and what alternatives can we use?

Overview

To research and then devise a methodology of designing, making and implementing an alternative power generating system for your school.

This challenge calls on students to work with an external scientist and/or science-based organisation to research an alternative power solution for their school. This challenge is not defined by scale - every effort to reduce the need for existing energy sources and the costs associated with that help the school, the community, the environment and the planet. Be creative and use your scientific knowledge to create and build a new power source for your school.

National Careers Week

NCW THE ROYAL SOCIETY

3. Waste-Ed

Project title: How can we reduce the impact of waste at [school name]?

Overview

Research and then implement a strategy and programme to reduce waste for your school and community and recycling the waste generated onsite.

Schools generate much waste in the every day to day running of a school; from plastic to food, many things are discarded each day and here is your chance to creatively devise a solution to reducing that waste and implementing a recycling programme to utilise this waste for the school and/or community.

***Alternatively, you may want to design your own climate-based research project ***

#NCW2023

SAVE THE DATE

6-11th March 2023



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National Careers Week

NCW

Headline Partner:

 **NatWest Group**