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Funded education workshops



Who are NEA?

The national fuel poverty and energy efficiency charity. We've worked across England, Wales, and Northern Ireland for over 40 years, to ensure that everyone in the UK can afford to live in a warm, safe and healthy home. We work together with frontline practitioners, companies, regulators and the government for customers in vulnerable circumstances to make positive changes.

There are 6.1 million households currently in fuel poverty.

Aims:

- End Fuel Poverty
- Fair and just transition to Net Zero



Funded education work across Yorkshire

Lower Key Stage 2 Resources



"All of the activities tied in perfectly with our recent topic on Electricity, and offered the students lots of real life examples and advice."

Workshop: Energy in mind

This two-and-a-half-hour workshop highlights the need to be energy efficient. The workshop outlines the production of energy and considers how this impacts the environment. Learners work out the running cost of appliances, consider dangers associated with their use of energy in the home, and explore the different uses of insulation to maintain warmth. They'll also learn practical steps towards changing energy-related behaviours.

[To enquire about this workshop click here](#)

Every school that books a Lower KS2 workshop with us will receive a downloadable link to the following lessons:

- **English – how can we be energy superheroes?**
A writing opportunity that integrates energy, economic and environmental savings within a superhero story.
- **Maths – what can data tell us about our energy use?**
A lesson that provides opportunity to present collected data around energy usage in a range of formats and highlights the need to be more energy efficient.
- **Science and PSHE – how can we be more Energy Smart?**
This cross-curricular lesson focuses on energy use and the impact it has on the environment. It draws out energy-saving strategies and equips learners to play their part in creating a healthier environment.

[Download Lower Key State 2 Planning](#)



Upper Key Stage 2 Resources



"Students really enjoyed it, it helped them to see how we can change our energy use in the future."

Workshop: Let's go green

A half-day workshop, which explores how renewable technology can be used to generate energy and have a positive impact on the environment. The workshop considers how different types of energy are used around the home, and links are made to the impacts that wasting energy are having on our environment. Using a collaborative approach, learners seek potential solutions and look for innovative ways to reduce our carbon footprint by becoming more energy efficient. Learning is applied through a task to design a device of the future focused on the use of renewable technologies.

[To enquire about this workshop click here](#)

Every school that books a Lower KS2 workshop will receive the following downloadable lessons.

- **English: Why do we need to use energy in a sustainable manner?**

An energy and sustainability poetry lesson providing a writing opportunity to integrate environmental issues related to energy use and how we can contribute towards a more sustainable future.

- **Maths: How can the cost of using everyday appliances influence our energy-related behaviour?**

The energy consumption and costs Maths lesson integrates knowledge around energy usage and associated costs. Learners will follow formulas to work out the costs of running a range of appliances whilst also considering how they can reduce energy wastage

- **PSHE / Citizenship: How can renewable technology power our towns?**

This cross-curricula lesson considers the benefits of making energy in a more environmentally friendly manner. Learners will explore different renewable energy-generating technologies before planning and building a sustainable Lego town.

[Download Upper Key Stage 2 Planning](#)



Key Stage 3 Workshop



Net Zero: Why it matters to you!

This two-hour workshop analyses the government's commitment to achieving net zero by 2050 and considers how these targets apply practically to young people in different aspects of their lives. The workshop will explore career options and includes videos and information from people working within these sectors. The young people will work collaboratively in small groups to apply their learning and design a net zero town before presenting their business plan to the rest of the workshop.

[To enquire about this workshop click here](#)

Every school that books a KS3 workshop with us will receive a downloadable link to the Empowering Careers lesson.

- **Empowering Careers: Careers in the energy sector**

This lesson will explore some of the different careers in the energy industry and will feature real people talking about their jobs and their career journeys.

[Download Key Stage 3 Curriculum Planning](#)



Key Stages 4 and 5 Form Workshop



Watt's Up? Understanding energy use and independent living

We have developed a problem-solving task – designed for use in PSHE or enhancement drop-down workshops – which focuses on saving and managing energy use in the home. Activities provide a basic introduction to energy awareness, including understanding fuel costs, reading and interpreting energy bills, and an overview of energy efficiency. Additionally, the workshop explores practical energy-saving tips, specifically for young people preparing to live independently. This engaging session aims to build essential knowledge for managing energy consumption effectively.

[To enquire about this workshop click here](#)

Our Year 13 students were challenged to think carefully about the problems of being energy efficient in shared housing, and the information they gained will really help them in future."



Education resources - National Energy Action (NEA)

Free downloadable assemblies



Key Stage 1 Assembly Let's keep warm

The assembly will explore what keeps us warm, warmth at home, and how being cold impacts our mood and health. It will use storytelling to introduce some ideas to the children about insulating their homes.

[To request a downloadable assembly click here](#)

[Download KS1 Assembly Overview](#)



Key Stage 2 Assembly Switch it off

This assembly will explore the different uses of gas and electricity in our homes, where this energy comes from, and the impact it can have on the environment. It will look at energy-related behaviour and what actions everyone can take to be more energy efficient.

[To request a downloadable assembly click here](#)

[Download KS2 Assembly Overview](#)



Key Stage 3 Assembly Energy equality

This assembly looks at the Universal Declaration of Human Rights with a focus on Article 25 'Everyone has the right to an adequate standard of living'. We link this article to the right to live in a warm and safe home, while analysing the cost of heating a home and using electricity. We look at the actions young people can take to improve energy efficiency and consider how they could support vulnerable people.

[To request a downloadable assembly click here](#)

[Download KS3 Assembly Overview](#)



Level 1 – Using Energy in the Home

[Using Energy in the Home \(Level 1\) - National Energy Action \(NEA\)](#)

UNIT 1 – Understanding how we use Energy at Home

UNIT 2 – Adding up the Cost of Energy Use at Home

UNIT 3 – Heating rooms and heating water at home

UNIT 4 – Keeping Warm at Home

UNIT 5 – Going green with low carbon energy sources and heating



Coming soon:

- More resources with different partnerships
- Empowering Careers resources
- 14 – 19 Future leaders project – an extra curricular group working across the charity and energy sector



Any questions please contact
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Visit www.nea.org.uk



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