

# **Caring for our world**

## **Key Stage 2, Year 5**

### **Day 3 – Where does energy come from?**

#### **Morning session**

The children should spend the morning investigating where we get our energy from. Make sure that the children use the pupil sheet overleaf to plan and structure their investigation. More able children can progress to investigating one particular form of energy in more depth.

Leave enough time at the end of the session to re-cap on the morning's findings.

#### **Resources**

- computers with Internet access
- paper and pens
- books and leaflets on energy production

#### **Afternoon session**

The children begin to tie in yesterday's study about waste with the morning's work on power production. They reconsider and develop their findings about renewable energy sources and then present their findings in various ways.

#### **Resources**

- paper and pens
- books and leaflets about energy production
- materials for making posters
- letter writing materials **or** access to a secure email account
- computers with PowerPoint<sup>®</sup>, or a similar package, installed

### Day 3: Morning session – Where does energy come from?

Pupil Sheet 2

## Key Question: Where does energy come from?

### Learning Outcomes

*I will be able to ...*

*I will investigate*

*I will begin to ...*

What do we want to find out?

How are we going to find out?

Activities

Outcomes

## Afternoon session – Alternative energy

### Cross-curricular activities

During the afternoon session the children take part in a range of cross-curricular activities related to the daily key question. They should attempt any two of the activities listed below.

<p><b>English/Geography</b></p> <p>Ask the children to make, in groups, a fact file about various forms of energy.</p> <p><b>Resources</b></p> <ul style="list-style-type: none"><li>▪ paper and pens</li><li>▪ books and leaflets about energy production</li></ul>	<p><b>Art</b></p> <p>Ask the children to make a poster promoting the need to use renewable forms of energy.</p> <p><b>Resources</b></p> <ul style="list-style-type: none"><li>▪ materials for making posters</li></ul>	<p><b>ICT</b></p> <p>Ask the children to create a PowerPoint® of questions to test others about what they know and understand about renewable or alternative energy forms.</p> <p><b>Resources</b></p> <ul style="list-style-type: none"><li>▪ computers with PowerPoint®, or a similar package, installed</li></ul>	<p><b>English</b></p> <p>Ask the children to contact one of the alternative energy suppliers for information.</p> <p><b>Resources</b></p> <ul style="list-style-type: none"><li>▪ letter writing materials <b>or</b></li><li>▪ access to an email package with a secure email address</li></ul>
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