

| Maths                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | English                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
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| <p><b><u>White Rose Hub</u></b></p> <p>For each lesson there is a video (see below) and on the Year 6 page under this week you will find attached the worksheets (and answers) linked to each lesson,</p> <p><b>Here are the videos for this week:</b></p> <p><b><u>Lesson 1</u></b><br/>Fractions to percentages<br/><a href="https://vimeo.com/420690848">https://vimeo.com/420690848</a></p> <p><b><u>Lesson 2</u></b><br/>Equivalent FDP<br/><a href="https://vimeo.com/420690973">https://vimeo.com/420690973</a></p> <p><b><u>Lesson 3</u></b><br/>Order FDP<br/><a href="https://vimeo.com/420691109">https://vimeo.com/420691109</a></p> <p><b><u>Lesson 4</u></b><br/>Percentage of an amount<br/><a href="https://vimeo.com/420691195">https://vimeo.com/420691195</a></p> <p>*If you feel that your child cannot access the work as it is too difficult, please feel free to have a look at the work for the week from other year groups on the White Rose website. The worksheets will not be available but you can complete the tasks on the video and then try the BBC Bitesize activities.</p> | <p><b><u>Task 1</u></b><br/><b><u>Reading Comprehension.</u></b><br/>Click on the link below<br/><a href="https://www.twinkl.co.uk/go/sign-in">https://www.twinkl.co.uk/go/sign-in</a><br/>It will ask for a code.<br/>Your code is: <b>HG0125</b><br/>Once you have inputted this it will take you to an activity. You can choose the reading level depending on the stars. Once you have chosen, read through the information about William Shakespeare and then complete the questions.</p> <p><b><u>Task 2</u></b><br/>Click on the link and refresh your memory of apostrophes. What are the different kinds of apostrophes? Watch the videos and read the information.<br/><a href="https://www.bbc.co.uk/bitesize/articles/zrprkxs">https://www.bbc.co.uk/bitesize/articles/zrprkxs</a><br/>Using the book you are reading, select a page and identify which words have apostrophes and which kind they are.</p> <p><b><u>Task 3</u></b><br/>Use the link from above go to the practise section and complete the quizzes about apostrophes.</p> <p><b><u>Task 4</u></b><br/>Have a go at the attached activity sheet below, it's all about possession apostrophes.</p> <p><b><u>Spelling Shed</u></b><br/>Please use your logons and go onto spelling shed to complete the tasks.</p> |

## Science

### Who was Carl Linnaeus and why is he important?

#### Task 1

Have a think about these animals:

Kangaroo, shark, badger, lizard and a penguin.

Can you classify them according to their characteristics? How many ways can you think to classify them? For example you might say fur/no fur.

#### Task 2

Watch this video about Carl Linnaeus

<https://www.bbc.com/teach/class-clips-video/science-ks2-the-work-of-carl-linnaeus/zhnjf4j>

#### Task 3

Now we would like you to do some research about Carl Linnaeus, there are some websites below to help you.

Once you have done that can you complete a fact file all about him? What interesting facts can you find?

[https://www.softschools.com/facts/scientists/carolus\\_linnaeus\\_facts/1133/](https://www.softschools.com/facts/scientists/carolus_linnaeus_facts/1133/)

<https://easyscienceforkids.com/carl-linnaeus/>

#### Summary

What is the link between task 1 and Carl Linnaeus?

| <u>History</u>                                                                                                                                                                                                                                                                               | <u>PE</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <u>Art</u>                                                                                                                                                                                                                                                                                                                                                                                |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>Use the code below to log on to twinkl go:</p> <p><a href="https://www.twinkl.co.uk/go/sign-in">https://www.twinkl.co.uk/go/sign-in</a></p> <p>Code: <b>DI6290</b></p> <p>Can you label the pictures correctly? Do you know what each of the objects were used for? Can you find out?</p> | <p>Try to get some daily exercise.</p> <p>Can you create a circuit for you and your family to complete?</p>                                                                                                                                                                                                                                                                                                                                                                                                                   | <p>This week art is linked to computing.</p> <p>Can you design your own video game character?</p>                                                                                                                                                                                                                                                                                         |
| <u>Music</u>                                                                                                                                                                                                                                                                                 | <u>Computing</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <u>Geography</u>                                                                                                                                                                                                                                                                                                                                                                          |
|                                                                                                                                                                                                                                                                                              | <p><u>What makes a good computer game?</u></p> <p>Read through the information and watch the videos all about designing a computer game.</p> <p><a href="https://www.bbc.co.uk/bitesize/articles/z6n7xyc">https://www.bbc.co.uk/bitesize/articles/z6n7xyc</a></p> <p>Then have a go at creating your own video game character using the work sheet attached.</p> <p>You can also have a go at this code cracking game:</p> <p><a href="https://barefootgames.org/codecracking">https://barefootgames.org/codecracking</a></p> | <p>This week we would like you to have a go at the bitesize geography lesson linked.</p> <p><a href="https://www.bbc.co.uk/bitesize/articles/zr9ckmn">https://www.bbc.co.uk/bitesize/articles/zr9ckmn</a></p> <p>Click on the link, make your way through the videos and information.</p> <p>Below we have attached activities about energy and population and then renewable energy.</p> |

# Showing Possession

Change the sentences below so that they each contain an apostrophe to show possession by a **singular noun**.

For example:

The rays belonging to the sun shone on the ground.

The sun's rays shone on the ground.

1. The reindeer belonging to Santa flew through the air.

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2. The harp belonging to the giant sang beautifully.

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3. The cauldron belonging to the witch boiled and bubbled.

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4. The tail belonging to the dog wagged.

---

5. The wheel belonging to the car had a puncture.

---

6. The toys belonging to the child were scattered on the floor.

---

7. The dress belonging to Molly hung in the wardrobe.

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8. The phone belonging to Cameron began to ring.

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## Showing Possession **Answers**

1. The reindeers belonging to Santa flew through the air.  
**Santa's reindeers flew through the air.**
2. The harp belonging to the giant sang beautifully.  
**The giant's harp sang beautifully.**
3. The cauldron belonging to the witch boiled and bubbled.  
**The witch's cauldron boiled and bubbled.**
4. The tail belonging to the dog wagged.  
**The dog's tail wagged.**
5. The wheel belonging to the car had a puncture.  
**The car's wheel had a puncture.**
6. The toys belonging to the child were scattered on the floor.  
**The child's toys were scattered on the floor.**
7. The dress belonging to Molly hung in the wardrobe.  
**Molly's dress hung in the wardrobe.**
8. The phone belonging to Cameron began to ring.  
**Cameron's phone began to ring.**

## Geography- Energy and Population

### Renewable Energy - resource management

Read the text below carefully then use what you've learned to answer to the questions.

Our planet Earth only has a finite amount of certain resources such as coal, otherwise known as a fossil fuel. As the population gets larger year by year, it means we have to be more careful about how we make use of these resources.

The switch needs to be made to more renewable sources of energy like wind or solar power. In order to make sure we have enough energy sources to match the growing population's needs. Switching to renewable sources of energy is important, because it would help protect the environment from the damage these finite sources of energy cause.



What is the best description of a finite resource?

- A. A resource that doesn't renew itself over time and will run out.
- B. A resource that we'll never run out of.
- C. A resource that we've never had enough of.

What is an example of a finite resource?

- A. Food
- B. Water
- C. Coal

What is an example of a renewable energy source?

- A. Oil
- B. Solar power
- C. Fossil fuels

Why is it important to switch to more renewable sources of energy?

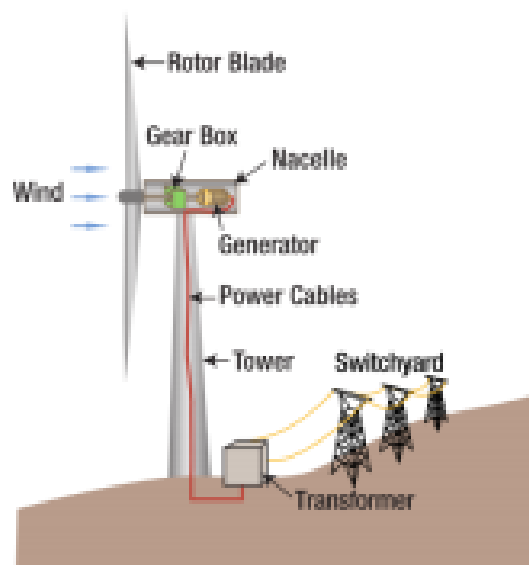
- A. Because it would save money.
- B. Because it would help to save the environment.
- C. Because we have no more coal.

## Wind, solar and water power

Read the text below carefully. You may be asked to quote from it to answer some of the questions.

### Wind turbines

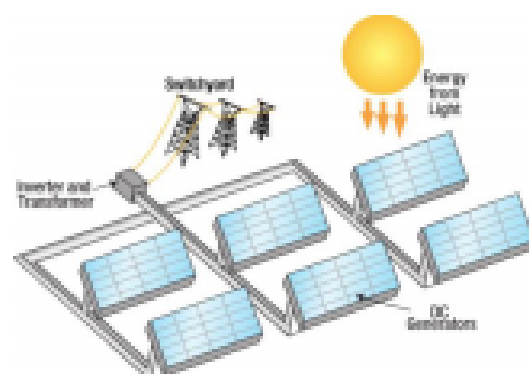
For windmills to be effective it needs to be windy. This is why they're placed in places that have a history of windy weather. When the blades are turned by the wind this generates power. The electricity is then distributed to homes and businesses. Wind turbines can be noisy! So you probably wouldn't want to have one near your house. This is the main argument against the installation of wind turbines. Another reason some people dislike them is because they can look out of place in a natural landscape. Some are not designed to look appealing.



### Solar panels

Solar panels are a way that homes can generate their own electricity. As light from the sun hits the panels it is converted into useable electricity. Any electricity not used in that house is distributed to others.

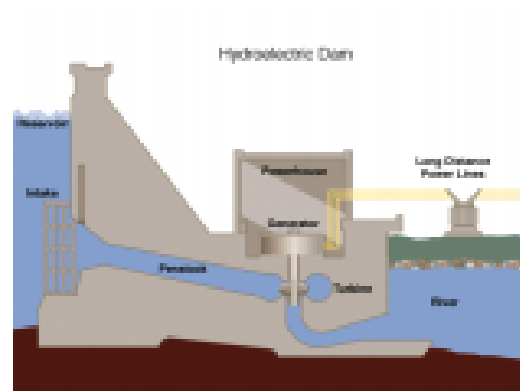
Solar panels can be costly to install so some people argue that they are not a viable energy source because of this. After the cost of installation however, the electricity is free and it makes solar power one of the most cost effective ways of producing electricity, long term.



## Hydroelectricity

Water can also generate electricity. The force of moving water (kinetic energy) is converted into electricity. It works in much the same way as a wind turbine, however it uses water to spin the turbine instead of wind.

Until it is needed, the water is held back behind a dam. This method of electricity production may cause damage to water based ecosystems. For example, the migration patterns of certain species of fish could be disturbed. Droughts can also pose a problem. If there is no water, then no power can be generated.



Why might you not want a wind turbine near your home? Use evidence from the text to support your answer.

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.....

.....

Why do some people dislike solar panels?

- A. They don't generate enough electricity
- B. They can be costly to install
- C. They're not sustainable

What is a downside of hydroelectric electricity production?

- A. It could disrupt a water based ecosystem
- B. It's too noisy
- C. There's not enough water for it to work

Which is overall the cheapest source of electricity?

- A. Wind turbines
- B. Hydroelectricity
- C. Solar Power

## Geography- Energy & Population answers

### Answers

#### Renewable Energy - resource management

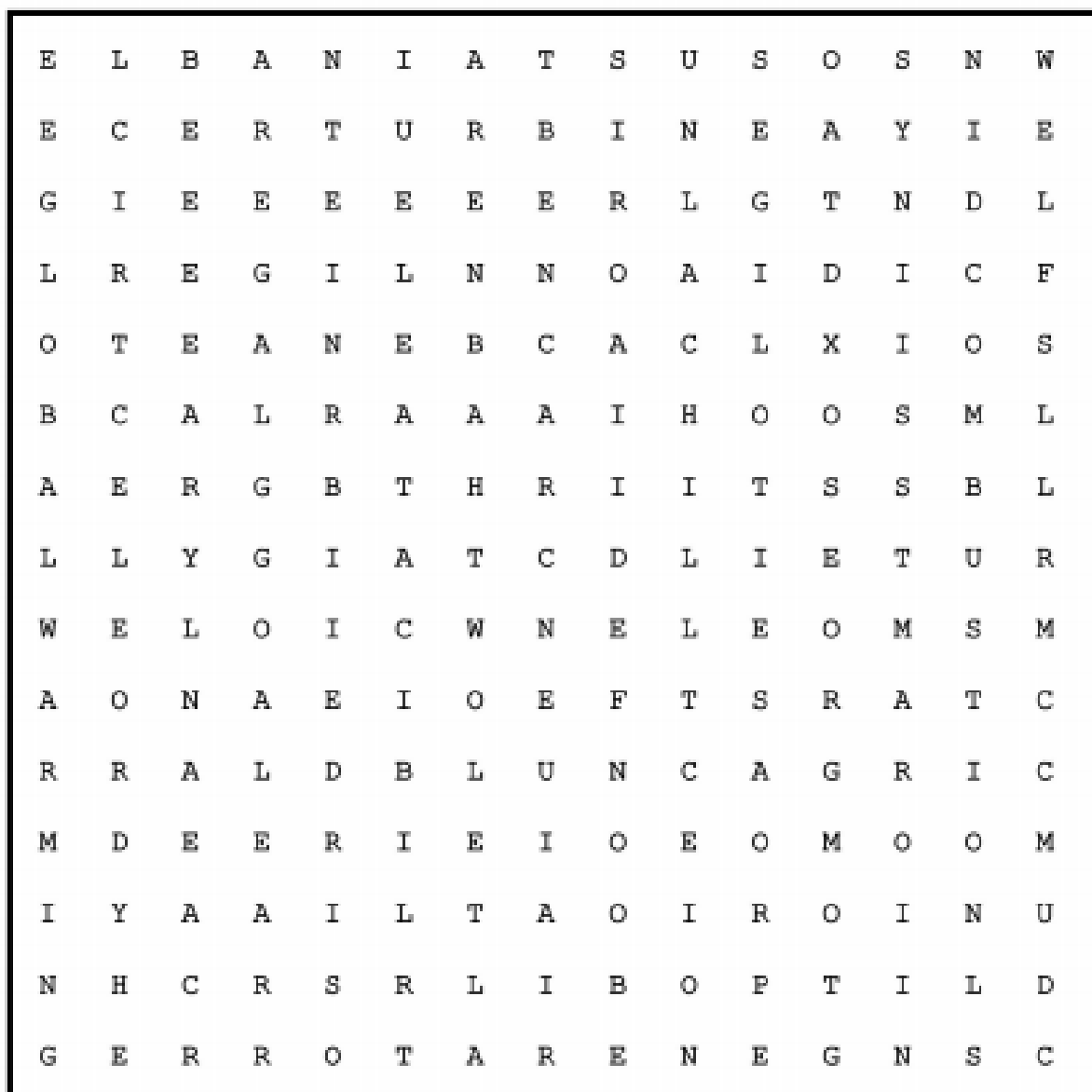
1. A resource that doesn't renew itself over time and will run out.
2. Coal
3. Solar power
4. Because it would help to save the environment

#### Wind, solar and water power

1. (Sample answer) Wind turbines might not look very nice, 'some are not designed to look appealing'. It might spoil the view.
2. It could disrupt a water based ecosystem
3. They can be costly
4. Solar power

## Renewable Energy Word search.

|                    |                      |                      |                      |
|--------------------|----------------------|----------------------|----------------------|
| <b>ELECTRICITY</b> | <b>BIOGAS</b>        | <b>COAL</b>          | <b>CLIMATECHANGE</b> |
| <b>TURBINE</b>     | <b>CARBONDIOXIDE</b> | <b>WIND</b>          | <b>TIDAL</b>         |
| <b>FOSSILFUELS</b> | <b>HYDROELECTRIC</b> | <b>SOLAR</b>         | <b>RENEWABLE</b>     |
| <b>POO</b>         | <b>RELIABLE</b>      | <b>GLOBALWARMING</b> | <b>SUSTAINABLE</b>   |
| <b>GAS</b>         | <b>GENERATOR</b>     | <b>LOCATION</b>      | <b>ENERGY</b>        |
| <b>METHANE</b>     | <b>OIL</b>           | <b>COMBUSTION</b>    |                      |



# Create a Video Game Character

Research has found that pigs are better video game players than chimpanzees.

You could try and find out:

- If any other animals have played video games.
- How many young people play video games.
- What the benefits and problems associated with playing video games are.
- How games have developed and what the first games looked like.



Have a go at creating your very own video game character. What character traits would they have? What would they look like?

| Mission   | Skills | Bio                                                                                                                                                         |
|-----------|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
|           |        | <b>Name:</b><br><b>Age:</b><br><b>Description:</b>                                                                                                          |
|           |        | <b>Attributes:</b><br>Coordination    ○ ○ ○ ○ ○<br>Strength        ○ ○ ○ ○ ○<br>Ingenuity       ○ ○ ○ ○ ○<br>_____       ○ ○ ○ ○ ○<br>_____       ○ ○ ○ ○ ○ |
| Equipment | Image  |                                                                                                                                                             |

