

<p><u>English</u></p> <p>The Tempest</p> <p>Using your knowledge of the play so far, your task is to complete a storyboard outlining the major plot points.</p> <p>You need to illustrate each part of the play, include a quotation (words that are said by a character) and work out what happens in the boxes that have been left blank!</p> <p>You can complete this on paper (if you cannot print just draw out the boxes) or you can complete on Word. You can use Google to help you.</p>	<p><u>Maths</u></p> <p>Sparx Maths – Complete the extra Home Learning that has been set.</p>
<p><u>Science</u></p> <p>Read the document and complete the questions on fossil fuels and the greenhouse effect</p>	<p><u>Spanish</u></p> <p>Complete the translation worksheet. Use an online dictionary if needed.</p>
<p><u>Geography</u></p> <p>Watch the clip on why Rivers are important and take notes</p> <p>https://continuityoak.org.uk/Lessons?r=4649</p>	<p><u>History</u></p> <p>Watch the clip and answer the questions.</p> <p>https://classroom.thenational.academy/lessons/why-did-the-civil-war-break-out-in-1642-6grk6r</p>

English

	<p>_____, the spirit, leads the men to Prospero's cave. But they are chased away by dogs.</p>		<p>What happens at the end of the play?</p>
	<p>Ferdinand meets _____ Prospero's daughter. They fall in love at first sight.</p>		<p>Prospero promises to give up _____. He gives Ferdinand and Miranda permission to get married.</p>
	<p>Those aboard the ship are separated. Alonso, King of Naples thinks his son, Ferdinand is dead.</p>		<p>Ariel brings everyone to see Prospero.</p>
	<p>There is a terrible storm which causes the ship to crash. This is created by Prospero.</p>		<p>Caliban leads _____ and _____ to Prospero's cave so they can overthrow him. But they get drunk.</p>

Science

Learning Outcomes

- I can name the three fossil fuels
- I can describe how the burning of fossil fuels impacts the environment
- I can explain why we need alternative energy resources to fossil fuels

Tasks

1. Read through the information provided
2. Complete practice questions on the sheet below

Fossil Fuels

Formation of fossil fuels

Crude oil, coal and gas are fossil fuels. They were formed over millions of years, from the remains of dead organisms:

- coal was formed from dead trees and other plant material
- crude oil and gas were formed from dead marine organisms



Coal is a solid fossil fuel

Fossil fuels are non-renewable. This we are using them up faster than they can be replaced - once they have all been used up, they cannot be replaced. Fossil fuels are also finite resources. They are no longer being made or are being made extremely slowly. **It is predicted that we will run out of fossil fuels within the next 40-50 years.**

Fossil fuels are used because they are reliable, convenient to use as thermal power stations are set up to burn them and are a relatively cheap energy resource.

When we burn fossil fuels gases are released which have a negative effect on the environment. **Sulphur dioxide is released which forms acid rain. Carbon dioxide is released, and this is a greenhouse gas.**

The greenhouse effect

Greenhouse gases trap heat and this increases Earth's surface temperature. Greenhouse gases present in the atmosphere include:

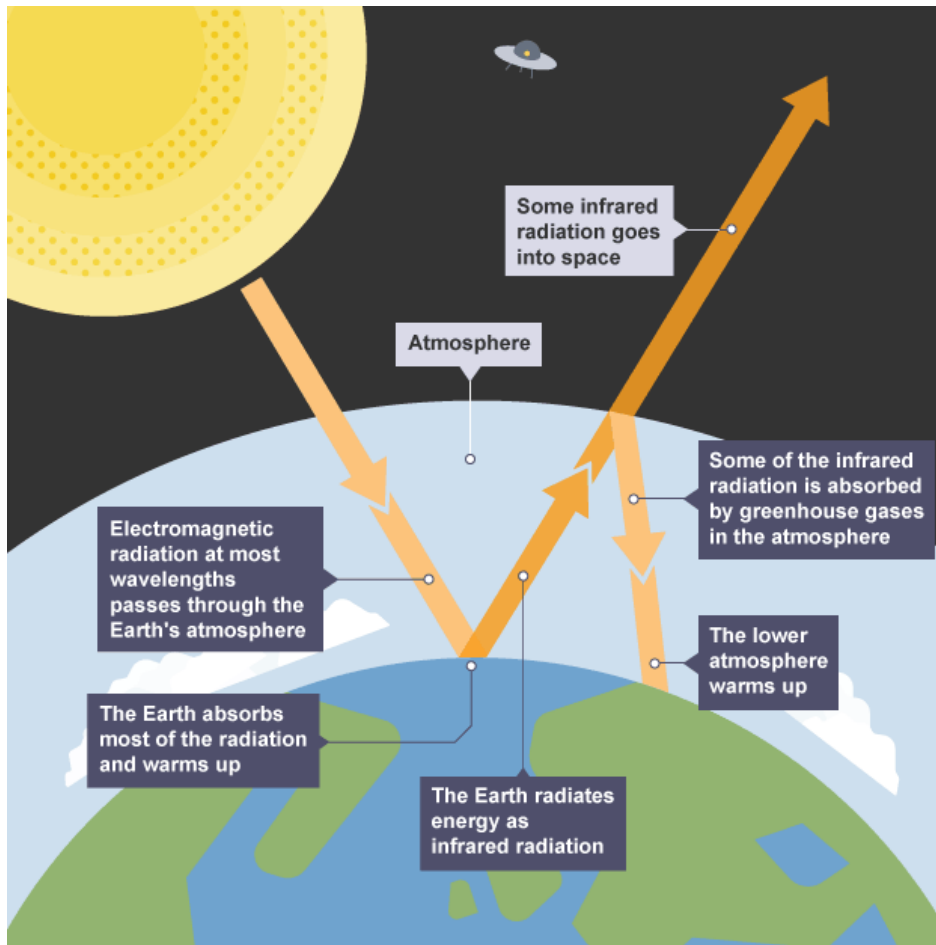
- **water vapour**
- **carbon dioxide**
- **methane**

These greenhouse gases:

1. Absorb heat from the sun and heat radiated from Earth
2. then release energy in all directions, which keeps the Earth warm



The diagram gives more details about this process, called the greenhouse effect.



Questions

1. Name the three fossil fuels (3 marks)
2. State how long it takes fossil fuels to form (1 mark)
3. State what coal is formed from (1 mark)
4. Fossil fuels are non-renewable. Define non-renewable (1 mark)
5. State when it is predicted that fossil fuels will run out (1 mark)
6. List three reasons why we use fossil fuels as an energy resource (3 marks)
7. Explain why sulphur dioxide is bad for the environment (1 mark)
8. Explain how the use of fossil fuels increases carbon dioxide concentration in the atmosphere (1 mark)
9. Carbon dioxide is a greenhouse gas. State the effect greenhouse gases have on the Earth's temperature.
10. Suggest why increasing global temperatures may have a negative effect on wildlife (hint – think polar ice caps) (3 marks)

Spanish

Translation into English: Check your grammar

Remember:

- When you are translating into English, don't translate word for word.
- Use your knowledge of Spanish and English grammar.
- Check your sentences and make sure they read well and sound right in English.

A Translate the sentences into English.

1 Mi hermana tiene el pelo largo y rubio.

2 En mi pueblo no hay piscina.

3 Mi perro se llama Smart, pero no es muy inteligente.

4 Cuando hace sol, saco fotos.

5 Me gusta mucho sacar fotos.

B Read the text and fill in the gaps to complete the translation. You might need to write more than one word in each gap.

Me llamo Marcela y tengo doce años. Soy baja y tengo el pelo rubio. Vivo con mis padres. No tengo hermanas, pero tengo un hermano. Vivimos en una ciudad que se llama Cáceres. Es una ciudad antigua y hay muchos monumentos, pero no hay castillo.

Me gusta vivir aquí.

Me encanta montar en bici, pero cuando hace frío escucho música.

Mi hermano es alto y tiene los ojos verdes. Tenemos un perro y un gato; son muy simpáticos.

Me gustan mucho los animales. No me gusta el instituto, pero mi asignatura favorita es la historia.

_____ Marcela and _____ twelve years old. _____ short and _____ blonde hair. _____ with my parents. _____ any sisters, but _____ a brother. _____ in a city that _____ Cáceres. _____ an old city and there are many monuments, but there isn't _____. I like _____ here.

I love _____ my bike, but when _____ I listen to music.

My brother _____ tall and _____ eyes. _____ a dog and a cat; _____ very nice. _____ animals. I don't like school, but my favourite subject is _____



Answers

A

- 1 My sister has long blonde hair.
- 2 In my neighbourhood there isn't a swimming pool.
- 3 My dog is called Smart, but he/she isn't very intelligent.
- 4 When it is sunny, I take photos.
- 5 I really like taking photos.

B

My name is Marcela and I am twelve years old. I am short and I have blonde hair. I live with my parents. I don't have any sisters, but I have a brother. We live in a city that is called Cáceres. It is an old city and there are many monuments, but there isn't a castle. I like living here.

I love riding my bike, but when it is cold, I listen to music.

My brother is tall and has green eyes. We have a dog and a cat; they are very nice. I really like animals. I don't like school, but my favourite subject is history.