



The Great Green Read

1. Read all about it!

Look at pages 7-15 of *Protect the Planet*

1. Read page 7. Which of these summaries are true?

- Humans can be both good and bad for the planet
- Most people cannot help the planet because they are too small
- The Earth is a wonderful place



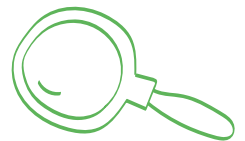
Look at pages 8-9 of *Protect the Planet*

2. Using the text, list three ways in which you can help the planet



Look at pages 10-11 of *Protect the Planet*

3. Find and copy the subtitle that means "amazing seas"



4. List three ways in which trees help the planet

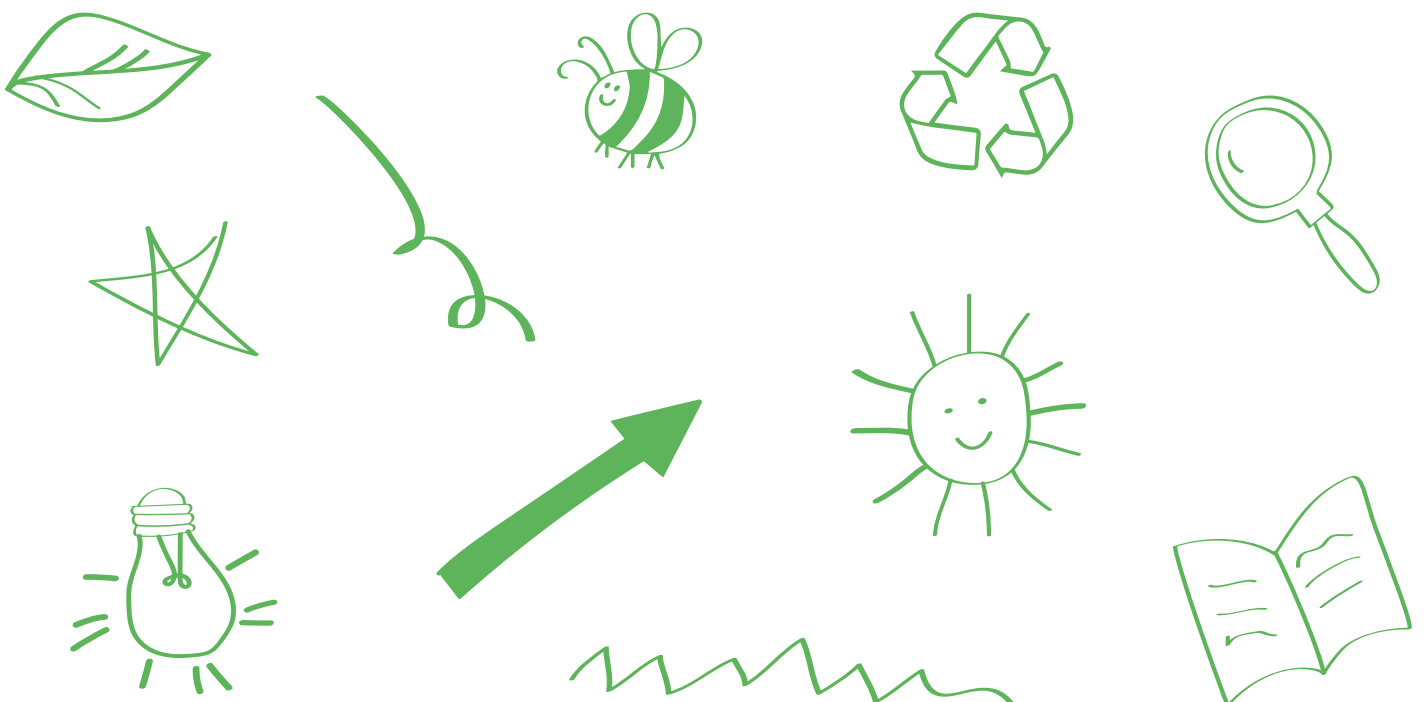
Look at page 12 of *Protect the Planet*

5. Why do you think the author uses the phrase “concrete jungle”?

6. Carbon and carbon dioxide are harmful to the atmosphere. List 4 things from the text that release these gases when burned

Look at page 14 of *Protect the Planet*

7. Do people in the UK live more or less sustainable lives than the rest of the world? Explain your answer.
(HINT: look at the illustration of Earth)



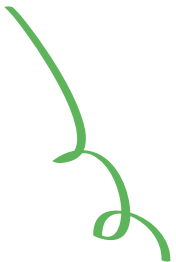
2. What is Climate Change?



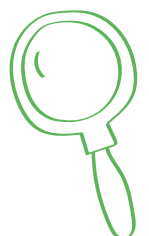
Look at pages 18-19 of *Protect the Planet*

Answer the questions, then find the words in the puzzle...

1. What do humans produce that damages the planet? Dangerous _____
2. What do we call the gases in the atmosphere that stop heat from leaving?
_____ gases
3. Carbon dioxide is one greenhouse gas. Name another _____
4. What do we burn for energy that releases greenhouse gases? _____
5. The amount of greenhouse gases your lifestyle produces is called your carbon _____
6. Extra gas in the atmosphere means the Earth gets _____
7. A small change in temperature can cause _____ weather



M	R	L	D	R	R	W	G	L	M	T	K
T	E	Z	S	E	C	G	R	E	Y	N	N
H	Q	T	T	J	A	H	E	H	I	I	H
L	E	T	H	S	E	B	E	E	J	R	W
X	O	U	E	A	T	G	N	Y	I	P	W
H	G	S	Y	U	N	R	H	I	U	T	V
E	X	T	R	E	M	E	O	S	A	O	E
W	C	O	R	D	B	F	U	Q	N	O	V
S	L	E	U	F	L	I	S	S	O	F	M
Z	G	F	F	Y	W	C	E	S	I	G	G
Y	A	H	M	K	S	V	Q	Y	O	L	W
D	N	D	Z	E	L	O	I	V	R	W	Y



3. Electricity, trees and forests

Look at pages 20-25 of *Protect the Planet*

Answer the questions, then find the words in the crossword.

One across (page 20)

The three types of fossil fuel are oil, natural gas and _____.

Two down (page 20)

Burning fossil fuels creates large amounts of carbon _____.

Three across (page 21)

Wind, solar and tidal power all create _____ energy.

Four across (page 22)

Forests provide _____ for us to breathe.

Five down (page 23)

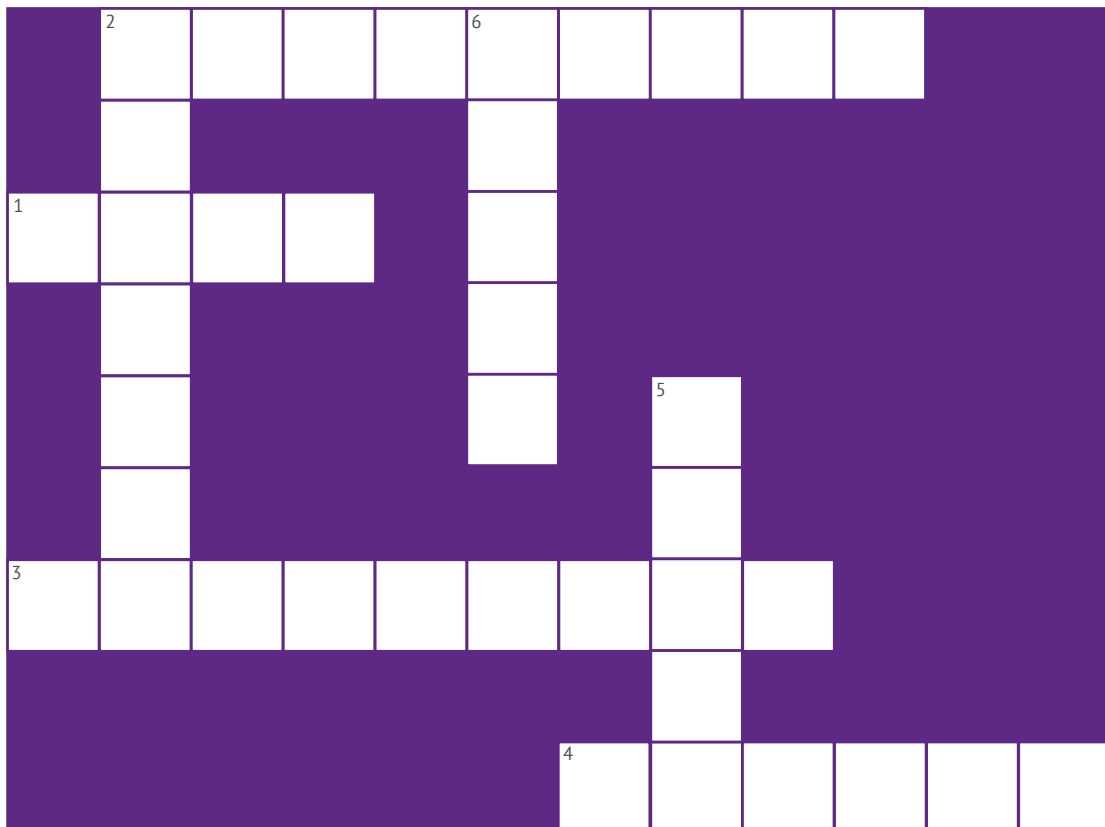
Connecting with trees is a great way to _____.

Two across (page 24)

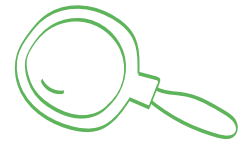
Climate change is causing the Amazon to _____.

Six down (page 25)

What should we reuse to help save trees? _____.



4. What can we do?



Look at pages 28-35 of *Protect the Planet*

Use the information on these pages to make a poster persuading people to protect the planet. What kind of things can they do? How can you make your poster persuasive and eye-catching?

A large, empty rectangular box with a double-line purple border, intended for students to create a poster. The box is centered on the page and occupies most of the lower half of the document.

5. Rubbish!



Look at pages 36-41 of *Protect the Planet*

1. There are three things that can happen to the rubbish we throw away. Find out about each one from pages 36-37, then create an illustration for each.

Incineration

Landfill

Recycling

2. Use the text to find three ways in which plastic is not fantastic

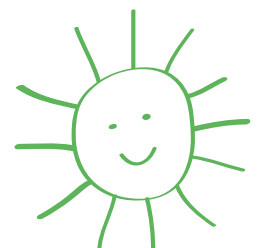
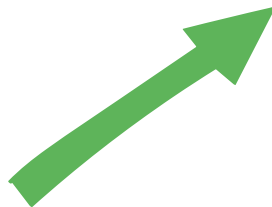
- _____
- _____
- _____

3. How many years does it take the plastic in each of these items to break down?

Nappies = _____ years

Plastic cups = _____ years

Plastic bags = _____ years

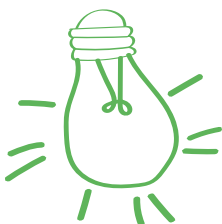
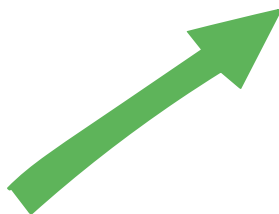
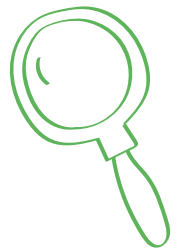
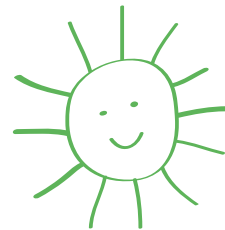
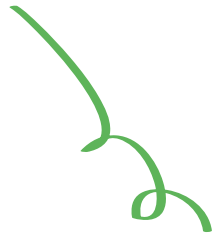
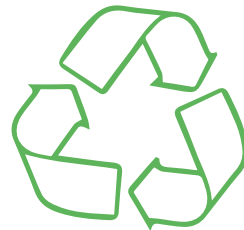


Look at the information on pages 40-41

4. Why should we feel sorry for seagulls?

5. How many pieces of plastic are in the Great Pacific Garbage Patch? _____

6. Name three creatures that might get caught in lost fishing gear.



6. Write to your MP



Teachers... this page is for pupils to plan their work. Why not ask them to copy their letters up neatly and then send them to your MP in one package or parcel?

Look at pages 56-57 of *Protect the Planet*

Protect the Planet tells you all about how to write to your local MP about the environment and climate change.

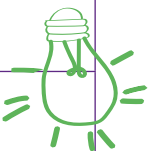
In Doncaster, our local MPs include Ed Miliband (Doncaster North), Nick Fletcher (Don Valley) and Rosie Winterton (Doncaster Central). You can find their contact details through a simple Internet search.

Why not plan your letter here, then write or type it up neatly?

Introduction – who you are, where you're from, a short summary of why you're writing

The problem – what are your concerns? What have you noticed in your local area or on a global level? Use facts, but also make it personal.

What you want – what would you like your MP to do? Suggest solutions.



A polite ending – thank the MP and give a summary of what you are hoping for.



Answers

1. Read all about it

1. Read page 7. Which of these summaries are true?

Humans can be both good and bad for the planet

The Earth is a wonderful place

2. Using the text, list three ways in which you can help the planet

Answers can include:

- join an eco club;
- attend a march;
- draw a picture;
- write a piece of music;
- write a blog;
- organise a charity sports match;
- be kind to plants, animals, the environment, other people.

3. Find and copy the subtitle that means “amazing seas”

Incredible oceans

4. List three ways in which trees help the planet

- Take in harmful carbon dioxide
- They produce oxygen
- They hold soil in place
- They provide homes for plants and animals

5. Why do you think the author uses the phrase “concrete jungle”?

Children might give answers here about cities being like jungles – they are busy and noisy with tall buildings instead of tall trees. They are concrete because humans have built over the green spaces with sky scrapers, roads and shops.

6. Carbon and carbon dioxide are harmful to the atmosphere. List 4 things from the text that release it when burned

Wood, gas, oil and coal

7. Do people in the UK live more or less sustainable lives than the rest of the world? Explain your answer.

People in the UK live LESS sustainably than people in the rest of the world... if everyone lived like us in the UK, we would need three planet Earths to support us all.

2. What is Climate Change?

Wordsearch answers

1. What do humans produce that damages the planet?
Dangerous **GASES**
2. What do we call the gases in the atmosphere that stop heat from leaving? **GREENHOUSE** gases
3. Carbon dioxide is one greenhouse gas. Name another...
METHANE
4. What do we burn for energy that releases greenhouse gases? **FOSSIL FUELS**
5. The amount of greenhouse gases your lifestyle produces is called your carbon **FOOTPRINT**

6. Extra gas in the atmosphere means the Earth gets **HOTTER**.
7. A small change in temperature can cause **EXTREME** weather.

3. Electricity, trees and forests

Crossword answers

- 1 across: **coal**
- 2 down: **dioxide**
- 3 across: **renewable**
- 4 across: **oxygen**
- 5 down: **relax**
- 2 down: **disappear**
- 6 down: **paper**

5. Rubbish!

2. Use the text to find three ways in which plastic is **not fantastic**

Any three from:

- The planet has no way of getting rid of it
- It cannot always be recycled
- It does not rot away
- It can take hundreds of years to break down
- Making plastic uses a lot of energy, adding to climate change
- It can be harmful to wildlife

3. How many years does it take the plastic in each of these items to break down?

Nappies = **450** years

Plastic cups = **50** years

Plastic bags = **20** years

4. Why should we feel sorry for seagulls?

They might eat brightly coloured plastic or get stuck in discarded plastic products

5. How many pieces of plastic are in the Great Pacific Garbage Patch?

Two trillion

6. Name three creatures that might get caught in lost fishing gear

Fish, turtles, birds, whales and dolphins