

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