

## Vocabulary

- 1 ★ Fill in: melt, greenhouse, footprint, dissolve, patterns, threat, exhausts, extinct.

- There aren't any wild wolves in Britain anymore. They became ..... 250 years ago.
- When the polar ice caps ....., the sea level rises.
- Carbon dioxide is a(n) ..... gas.
- A lot of animals are losing their habitats and dying; the number of animals under ..... is increasing all the time.
- We should all try to reduce our carbon .....
- Car ..... produce gases that surround the earth.
- Changing weather ..... threaten a lot of animals with extinction.
- Acid rain can even ..... the stone we use for buildings.

- 2 ★ Choose the correct word.

- Carbon dioxide is dangerous because it **traps/catches** heat in the Earth's atmosphere.
- Arctic polar bears are in **danger/threat** of losing their natural habitat.
- Global warming is causing the Earth to **heat/rise** up.
- Power plants burn fossil **gases/fuels** like coal to create energy.
- Dangerous gases like carbon dioxide **surround/hold** the Planet.
- The ice **sheets/blankets** that cover Greenland and Antarctica are melting rapidly.
- Scientists believe that global warming may be the cause of **hard/extreme** weather such as floods.

## Reading

- 3 ★ Read the text. Five sentences are missing. Match each sentence (A-F) to a gap (1-5). There is one extra sentence.

If you're having an outdoor party or a picnic, you don't want a storm to ruin it for you. In the same way, if you're a farmer, you need the sun to shine and the rain to pour at the right time for the best crops. **1** Well, some scientists believe that they can do just that!

One way to control the weather that scientists have already used is 'cloud seeding'. **2** When you do this, drops of water in the clouds attach to the particles to make raindrops. Believe it or not, in China there is a "Weather Modification Office" that often uses cloud seeding! **3** In 2008, it used 1,104 cloud-seeding rockets to keep the opening ceremony of the Olympic Games dry. It 'seeded' the clouds before they got to Beijing, so it didn't rain on the athletes. In other places, scientists have also 'seeded' clouds with dry ice to get rid of fog at airports. **4** In 2009, Chinese meteorologists were trying to create rain during a drought when a cold front arrived and turned the rain into a heavy snowstorm. Beijing froze and there was chaos on the roads!

Some scientists don't believe that we can really control the weather, but others think that in the future, we will be able to control it with 'nanobots' or microscopic robots. These nanobots could make changes in the atmosphere and stop storms before they form. **5** Until then, though, we'll have to keep an eye on the weather report and take an umbrella to our picnics, just in case!

- A This involves firing a rocket containing silver iodide into a cloud.  
 B If this works, it will reduce the number of natural disasters like hurricanes and floods.  
 C So imagine a world in which we could control the weather!  
 D Cloud-seeding can go wrong, though!  
 E It claims that it has stopped hailstorms, ended droughts and even put out fires.  
 F If there's a clear blue sky, cloud-seeding won't work.