

Which of the following does NOT release greenhouse gases into the atmosphere?

- a) Trees
- b) Cows
- c) Cars

The answer is a! Cows and cars both produce greenhouse gases. Trees actually absorb carbon dioxide, so they reduce greenhouse gases.

In which of these countries do people create more pollution?

- a) India
- b) United Kingdom

Answer: b. People in the UK are responsible for nearly four times as much carbon dioxide per person than people in India. If you got this right, stay where you are, otherwise it's down the fume!

You're at home and cold. Do you...

- a) Turn the heating up.
- b) Put on a jumper.

If you answered:

- a) You could save energy by putting on a jumper first to warm up. Down you go.
- b) Well done – stay where you are all snug in your jumper.

Do you turn electrical appliances off or leave them on standby?

- a) I always turn them off.
- b) I usually leave them on standby.

If you answered:

- a) Well done, stay where you are.
- b) Appliances use energy even when they're on standby – go down the fumes.

What is a greenhouse gas?

- a) The smell inside a greenhouse.
- b) A type of gas that thickens the Earth's atmosphere.
- c) A side effect of too many Brussels sprouts!

Answer: b – of course! If you got it right, stay where you are.

You help do the food shopping. The supermarket offers plastic bags for a small fee. Do you...

- a) Use the eco-friendly bags you've brought with you instead.
- b) Pay the charge and buy as many as you need.

If you answered:

- a) Well done, stay where you are.
- b) Slide down the fumes and take an eco-friendly bag with you next time.

Which of these is NOT a greenhouse gas:

- a) Carbon dioxide
- b) Methane
- c) Oxygen

Answer: c. Methane and carbon dioxide are greenhouse gases, so if you chose either of these, down you go!

How many people in the world do experts think will have to leave their homes because of climate change by the year 2050?

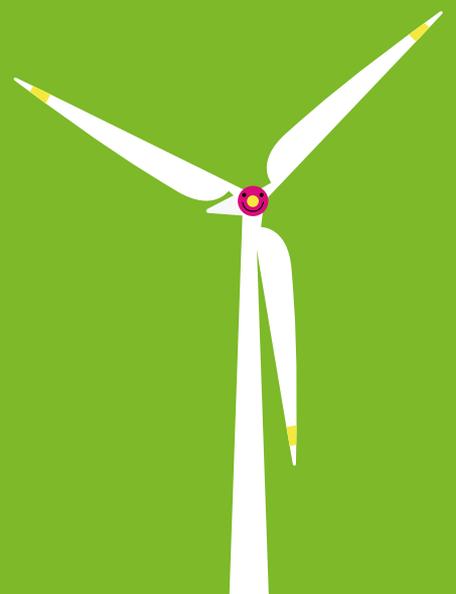
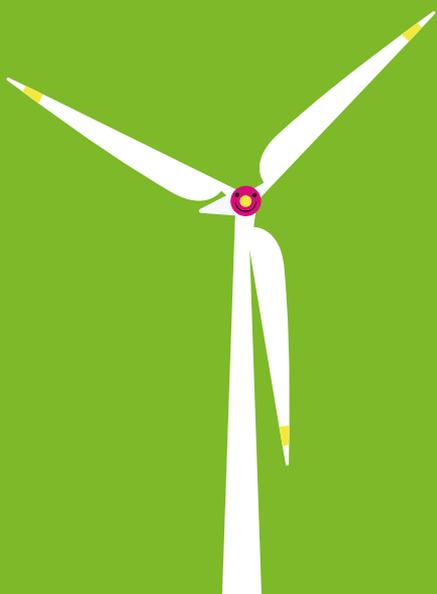
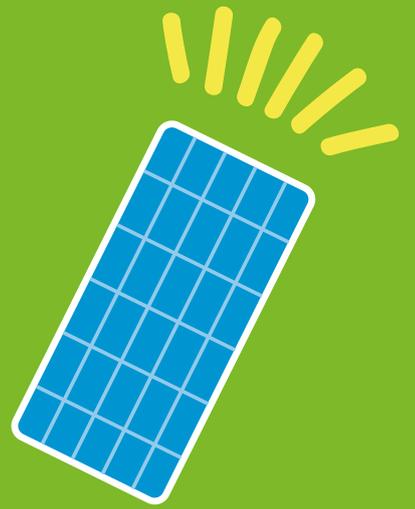
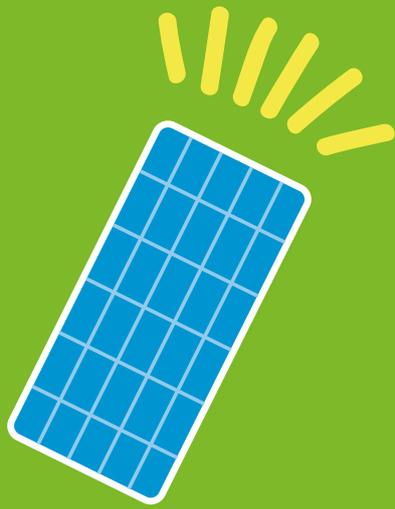
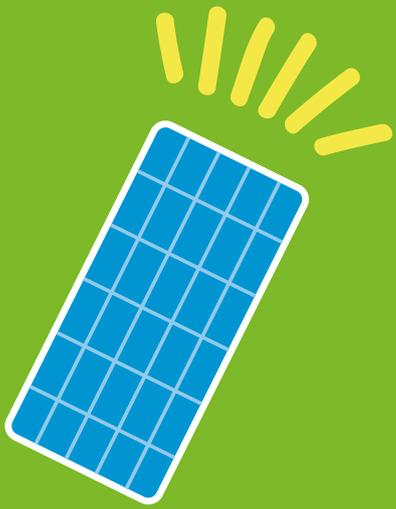
- a) Hundreds of people
- b) Millions of people
- c) Thousands of people

If you answered b, you're right – stay where you are. Otherwise, down you go!

If sea levels in Bangladesh rise by 45cm, what percentage of the country would be under water?

- a) 5%
- b) 10%
- c) 15%

Answer: b – 10%. If this happens, 5.5 million people will have to leave their homes.



Nearly every country in the world is signed up to a special agreement to cut their greenhouse gases. What's this agreement called?

- a) The G8 Summit
- b) The Magna Carta
- c) The Paris Agreement

Answer: c. The Paris Agreement is about cutting emissions and investing in green energy. If you got this right, stay where you are.

Which of these items can be recycled: printer cartridges, computers, mobile phones?

- a) None of them.
- b) Mobile phones and printer cartridges.
- c) All of them.

If you answered c, that's correct – up you go!

Which of these is the greenest type of car?

- a) Diesel
- b) Electric
- c) Petrol

Answer: b. Electric. Hopefully in the future all cars will be powered by electricity. The government has banned the sale of all petrol and diesel cars after 2040. If you answered b, up you go.

Give one way you could save water.

Possible answers:

- Turn off the tap while you brush your teeth.
- Take a shower instead of a bath.
- Use a watering can instead of a hosepipe.

If you couldn't think of one, stay where you are.

Do you know the name of your local politician?

If you know it – wow! Well done you – up you go! If not, see if you can find it out.

Did you know that you can write to your local politician and ask them what they are doing to tackle climate change?

Name a way that people can tackle climate change.

Answers might include:

- Telling politicians that you care.
- Reducing your own pollution.
- Eating less red meat.
- Being driven less.

If you gave a sensible answer, up you go!

What can be used to turn energy from the sun into electricity?

Answer: solar panels

If you knew this, up you go.

Name three sources of renewable energy.

Possible answers:

- Solar
- Wind
- Geothermal
- Hydroelectric
- Tidal

If you couldn't get three, stay where you are. If you did, go up.

LED lightbulbs use less electricity than ordinary bulbs. If it costs £300 a year to light your home using ordinary bulbs, and £30 a year using energy-saving bulbs, how much would you save per year?

Answer: £270

If you got this right, go up.