

# Climate Change

## Worksheet

FILL IN THE BLANKS USING THE WORDS FROM THE WORD BOX

### STEP 1

- ☐ The temperature of the Earth is ..... because of greenhouse gas.
- ☐ Large amounts of greenhouse gas are being produced by people burning fuels such as ..... and .....
- ☐ As the Earth becomes warmer, the ..... is changing.
- ☐ In places like Africa less and less rain means that ..... are more and more common.
- ☐ This makes it difficult for families to ..... the crops they need to survive.
- ☐ Very ..... winds cause enormous damage to peoples' homes in .....
- ☐ ..... helps communities in Indonesia to plant mangroves to protect ..... near the coast from waves and storms.

### STEP 2

When you have filled the blanks, use the symbols below to show how each sentence made you think or feel.

### STEP 3

- Discuss what you have learned with the person sitting beside you.
- Put a code in the left hand margin beside your chosen sentences.

### WORD BOX

droughts  
oil  
rising  
strong  
climate  
villages  
coal  
grow  
Latin America  
Trócaire

I already knew this.



1

I would like to know more about this.



2

I find this interesting.



3

This makes me feel angry.



4

This makes me feel sad.



5

**TROCAIRE**  
Working for a Just World

super beanie



Join me in the battle against climate change!

# Climate Change

## Fact Sheet

### Climate

The weather tells us what to expect every day when we go outside or look out the window. The climate tells us what it is like in the place where you live, over a long period of time. Climates can be rainy, snowy, humid, hot or mild. How would you describe Ireland's climate?

### History

Earth's climate has been changing non-stop for the past **5 billion years!** Sometimes, the oceans have covered most of the Earth. There have even been ice ages! But now the climate is changing because of how people are treating the Earth.

### Greenhouse Gases

Greenhouse gases make the Earth warmer. We send greenhouse gases into the air whenever we...

- Watch TV
- Turn on a light
- Play a computer game
- Use a microwave

To do these things, we need electricity. Electricity comes from power plants which burn coal and oil. Burning coal and oil produces greenhouse gases.

### Climate Change

Wet places are becoming wetter and dry places are becoming drier. In some parts of the world, people do not have enough to eat because they cannot grow the food that they need.



Kenya

### Your Planet Needs You!

Using electricity is not wrong. We just have to be smart about it. Here are some ways you can help make the planet a better place!

- Get on your bike! Not only will you be helping the environment, you will be getting exercise too!
- Switch the TV and computer off when you are not using them. Do not leave them on standby with the red light showing.
- Recycle and re-use paper, glass, tins and plastic.
- Read! Learning about the environment is very important. There are many good books that will help you learn.
- Talk with your family and friends about climate change. Let them know what you have learned.
- Plant a tree in your garden or school – this will absorb carbon dioxide from the air.



Cambodia

Super beanle

Join me in the battle against climate change!



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## HOW ENVIRONMENTALLY-FRIENDLY ARE YOU?

1. How often do you travel to school by car?

- a Always
- b Sometimes
- c Never

Answer ☐

2. When brushing your teeth do you

- a Always leave the water running
- b Sometimes leave the water running
- c Never leave the water running

Answer ☐

3. If you're thirsty for water, do you

- a buy a bottle of water
- b save a bottle and refill it
- c always wait until you can get tap water

Answer ☐

4. Is your mobile charger

- a always plugged in
- b plugged in most of the time
- c only plugged in when your mobile is charging

Answer ☐

5. When your TV is off, do you

- a never turn the stand by button off
- b sometimes turn the stand by button off
- c always turn the stand by button off

Answer ☐

6. How many flights have you ever taken?

- a more than 10
- b between 5 and 10
- c less than 5

Answer ☐

7. When disposing of waste, do you

- a never recycle
- b sometimes recycle
- c try to recycle everything you can

Answer ☐

8. Do you eat strawberries or summer fruits

- a all year round
- b mostly in the summer
- c only in the summer

Answer ☐

9. If the room you are in is too cold, do you

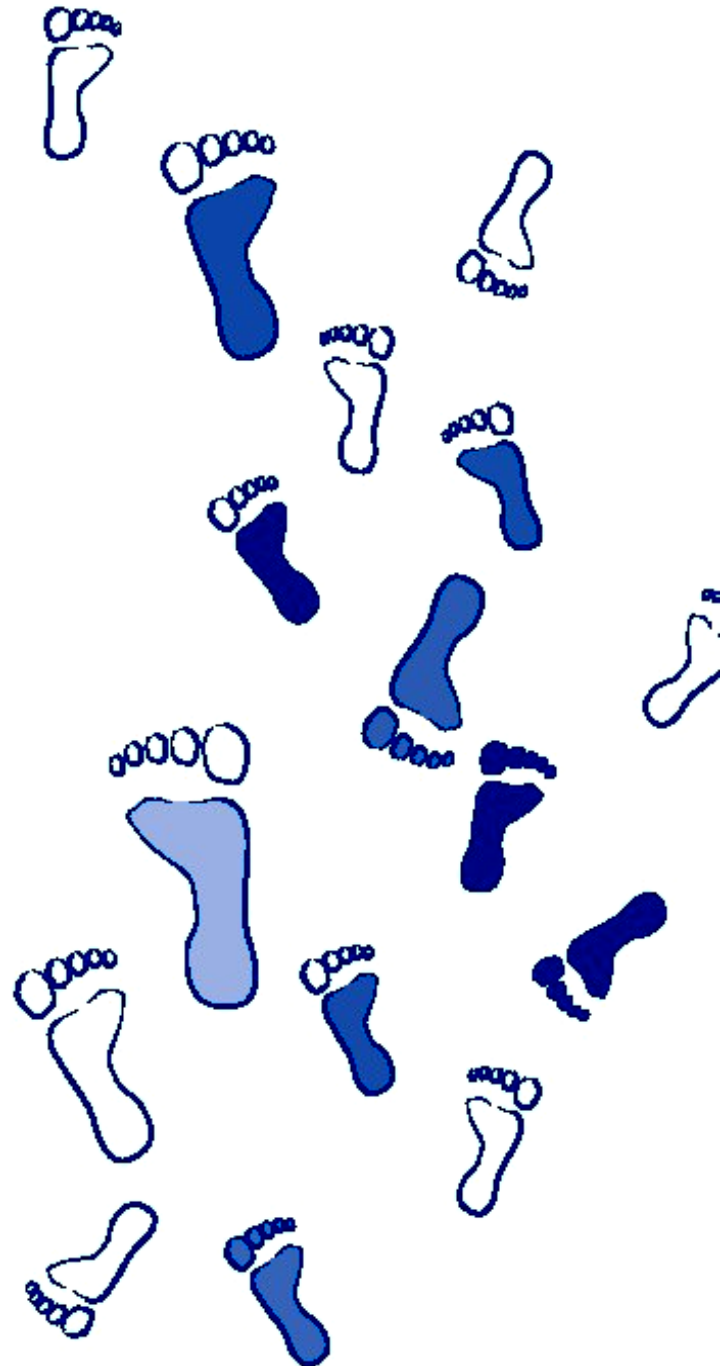
- a turn the heating up
- b close all windows and doors
- c wear an extra jumper

Answer ☐

10. When buying copybooks, do you

- a buy the first one you see
- b sometimes check to see if it's made from recycled paper
- c only buy one if it's made from recycled paper

Answer ☐



If you have ticked;

mostly As – you need to think about your eco footprint! Find out from your classmates how you can improve!

mostly Bs – not bad. You do your bit but maybe you could do even more...?

mostly Cs – well done – you are an eco warrior!

Let others know how you did so well!

# MY MAD MAKE A DIFFERENCE School Survey

## CHECKLIST: HOW COOL IS OUR SCHOOL?

Choose one area of your school to carry out this survey. Use the checklist below to identify where your school is/is not cool. Use the space at the end of the survey for your notes and further areas of investigation you feel are important for your own school.

### Waste

Does your school recycle? (eg. Tins, paper, plastic)	Yes	No
Are students encouraged to buy copybooks made from recycled paper?	Yes	No
Do students have a way to ensure they keep handouts and notes? (eg, stick them in copybook, folder to file them)	Yes	No



### Lighting

Do any empty rooms have the lights on?	Yes	No
If so, how many?		
Does the school have energy efficient light bulbs?	Yes	No
Are there lights on unnecessarily?	Yes	No
Is someone in each classroom responsible for turning off the lights when they are not needed/when everyone leaves?	Yes	No



### Equipment

Are all unused computers turned off?	Yes	No, if so, how many?
Are all TVs turned off?	Yes	No, if so, how many?



### Heating

Are there rooms where the heating is on and the windows open?	Yes	No
Can you turn up or down the heating in each classroom?	Yes	No
Is the heating timed to turn off approximately 30 minutes before the school closes?	Yes	No



### General

Does your school have a garden area? If yes, is someone responsible for it?	Yes	No
Does your school encourage students to walk/cycle/car pool to school?	Yes	No
How many bicycles are in the bicycle area?		



What packaging is being used for students' lunches? Is it mainly

- plastic
- tinfoil
- a reusable container

Additional Questions

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Notes

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