

# THE NORTH POLE PICNIC

## DID YOU KNOW...?

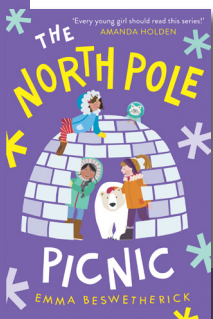
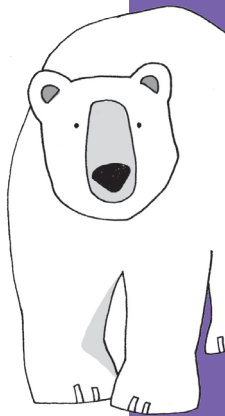
The Arctic around the North Pole is mostly ocean. However, at its centre are polar ice caps – dome-shaped sheets of ice that form because polar regions receive less heat from the sun than other areas of the Earth's surface.

Unfortunately, average temperatures at the poles have begun to rise in recent years due to changes in the environment. As temperatures rise, the polar ice caps start to melt and break apart. NASA satellite photographs show that the polar ice caps are shrinking 9% every ten years.

As ice disappears, so does the habitat of polar animals.

**A number of human activities have led to climate change. These are:**

- \* Burning fossil fuels, such as oil and gas.
- \* An increase in cattle farming. There are over 1.5 billion cows in the world releasing methane into the atmosphere!
- \* Deforestation. The rise in demand for beef has led to a rise in deforestation to create more land for the cattle to roam in and to grow the crops that feed them. As the forests are destroyed, carbon dioxide levels rise, which traps heat from the sun and causes temperatures to rise further.



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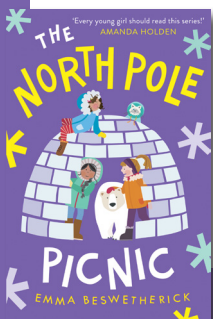
There are a number of things we can all do to try to help combat climate change:

- \* Walk, cycle or scoot to your destination rather than going by car.
- \* If you can, take a train rather than a plane.
- \* Use less power at home. Remember to switch lights off when you leave a room and turn off your television rather than leaving it on standby.
- \* Get electricity from renewable sources like wind and sun instead of coal and other fossil fuels that need to be burned to release energy.
- \* Reuse and recycle as much as you can.
- \* Plant more trees.
- \* Eat less meat. Take action! Talk to people about the dangers of climate change, start a petition, write to your local governing body and encourage them to push for regulations that will support our planet.

## What else could you do to help stop plastic pollution?

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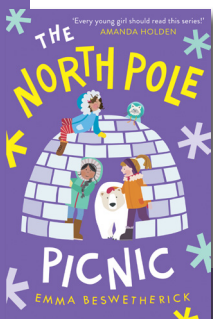
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When taking part in the Arctic games, Zia realises that all the animals are perfectly designed to live in the cold, and to compete in their individual sports. Can you think of any other animals that are perfectly designed for their habitats?

Think about what you are perfectly designed for. What are you particularly good at? It could be a hobby, like running or drawing or singing. Draw yourself doing your activity below. You could then try and draw an animal of your choice trying to do the same thing!



# Can you find these chilly words below?

**ADVENTURE**

**ARCTIC**

**CASSIE**

**CLIMATE**

**FREEZING**

**HABITAT**

**ICE**

**KATY**

**POLAR**

**SNOW**

**THUNDER**

**ZIA**

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

