

The Polar Bear Problem

Name _____

Graphic Organizer (before and during reading)

Introduction

Kings of the Arctic

Clever Adaptations	How the adaptation helps polar bears
1. 2. 3.	

Global Warming, Melting Ice

What Polar Bears Eat	Less Ice, Less Food	Less Food, Fewer Babies

Future Climate Change

Can Polar Bears Be Saved?	Act Now!

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Multiple Intelligences

Naturalist, Logical-mathematical

If you were an animal from this book, which one would you choose to be? Draw this animal in the box and write the pros and cons of being this animal.

Pros	Cons
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

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Ⓜ Code Breaker

Unjumble these important words from the book and write the dictionary meaning for each.

Jumbled word	Page	Word	Dictionary meaning
tcnitex	4		
antinmod	6		
ingllewd	8		
oresivnrac	8		
bertvirate	9		
iotoclivasan	10		
eypr	13		
ierlacg	17		
ernatehib	22		

Build as many words as you can from the following letters:

GLOBAL WARMING

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① Meaning Maker

Write a letter or email to your local politician to try to convince them of the need to act now to protect the environment and the animals that inhabit it. Use the box to plan your letter. Jot down notes, list words you would like to use, draw an idea web, and write down important facts to include. Then write your letter underneath.

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⦿ Text User

Use the book to help you answer these questions.

1. What is a layer of blubber?

2. Can you name another animal with a layer of blubber?

3. What is the dominant animal of the Arctic region?

4. What do you think makes this animal dominant?

5. How do polar bears communicate with one another?

6. How can polar bears walk on the ice without slipping?

7. What are the sources of the greenhouse gas problem?

8. What is a maternity den?

9. What do polar bear babies look like?

10. What are the dangers that polar bears face from climate change?

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● Text Critic

List all the features of this book that identify it as nonfiction.

Identify some problems for polar bears and other animals living on Earth. Think of some possible solutions to these problems.

Problem	Possible solutions

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Exposition (Proposition/Support)

Here are some answers. Think of a question that will make each answer correct.

Answer:

Question:

1. Arctic

2. Polar bears

3. Canada

4. *Ursus maritimus*

5. blubber

6. papillae

7. gas

8. glacier

9. seals

10. maternity dens

11. scientists
