



Save the Climate

1 Read about how our planet is changing on pages 6–7. What four changes does the author say are being caused by rising temperatures on Earth?

Common Core State Standards (Reading: Informational text): RI.3.1, RI.4.1

2 Do you know the difference between “climate” and “weather”? If not, turn to page 8 and the glossary to find out. Describe the climate and current weather where you live.

Common Core State Standards (Reading: Informational text): RI.3.4, RI.4.4

3 Look at the two pictures of the Briksdal Glacier in Norway on page 10. How did it change between 2002 and 2011? Describe the differences you can see.

Common Core State Standards (Reading: Informational text): RI.3.7, RI.3.9

4 Turn to pages 14–15. What is the purpose of the picture? Copy the picture and add labels for “Sun’s energy” and “heat.”

Common Core State Standards (Reading: Informational text): RI.3.7

5 Read pages 16–17 about carbon dioxide and fossil fuels. What extra information does the text in the green box give? Do you think this box is a helpful addition to the main text?

Common Core State Standards (Reading: Informational text): RI.3.5

6 Read about climate change in the Arctic on pages 18–19. Why does the author say it's strange that the Arctic is experiencing the biggest effects of climate change? How much faster are temperatures rising there than the rest of the planet?

Common Core State Standards (Reading: Informational text): RI.3.1, RI.4.1

7 Turn to pages 24–25. Do you think the author is worried about climate change? Which words tell you this? How do you feel about climate change?

Common Core State Standards (Reading: Informational text): RI.3.6, RI.4.8

8 Summarize what the book is about. What did you find out that you did not know before? Did anything surprise you? Has it inspired you to make changes to help stop climate change?

Common Core State Standards (Reading: Informational text): RI.3.2, RI.4.2

Answers

- 1** Glaciers are melting, sea levels are rising, droughts and floods are becoming more common.
- 2** Weather is atmospheric conditions over a short period of time; climate is how the atmosphere behaves over a long period of time; answers will vary.
- 3** Answers will vary.
- 4** To show / explain how the Sun's energy enters Earth's atmosphere and some rises back up as heat; answers will vary.
- 5** Description of where fossil fuels come from; answers will vary.
- 6** There are few cars there; three times faster.
- 7** Yes; "climate change is a massive and urgent problem."
- 8** Answers will vary.