

Name: _____ Date: _____

When the Thermometer Keeps Growing: 3rd Grade Climate Quiz

Evaluate student understanding of the greenhouse effect and identifying simple ways to help our planet through this formative assessment.

1. The Earth is wrapped in a layer of gases that keep us warm, just like a fuzzy _____.

- A. Ice cube
- B. Blanket
- C. Umbrella
- D. Flashlight

2. True or False: Weather and climate are exactly the same thing.

- A. True
- B. False

3. When we turn off the _____ when leaving a room, we help use less energy.

- A. Windows
- B. Water
- C. Lights
- D. Furniture

4. Which of these is a way that a warmer planet might change the ocean?

- A. It makes the water turn into lemonade
- B. It can cause sea levels to rise
- C. It makes the ocean disappear completely
- D. It turns all the sand into purple glitter

5. True or False: Planting new trees is a good way to help clean the air.

- A. True
- B. False

6. Instead of riding in a car, walking or riding a _____ is a great way to protect the Earth.

- A. Bicycle
- B. Rocket
- C. Submarine
- D. Elevator

7. What happens to the temperature of the Earth during global warming?

- A. It stays exactly the same
- B. It gets much colder
- C. It slowly goes up

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D. It changes every five minutes

8. Using a reusable water bottle is an example of the 'three Rs': Reduce, Reuse, and _____.

- A. Read
- B. Run
- C. Recycle
- D. Rest

9. True or False: Only scientists can do things to help the climate.

- A. True
- B. False

10. Why is the sea ice important for polar bears?

- A. They use it as a place to hunt and rest
- B. They use it to build houses out of bricks
- C. They eat the ice for breakfast
- D. They use it to hide from the sun