

Name: _____ Date: _____

Tiny Guardians, Big Choices: Climate Analysis for Kindergarteners

Evidence evaluation, predictive modeling, and ethical reasoning regarding habitat protection. Students analyze complex environmental scenarios and propose sustainable solutions.

1. If a city gets much hotter every summer, which change would help keep the city cool for the birds and people living there?

- A. Painting the roads black
- B. Planting trees with big leaves for shade
- C. Building more tall brick walls
- D. Removing all the grass in the park

2. True or False: If the ocean gets too warm, it becomes harder for some sea animals to grow their homes.

- A. True
- B. False

3. When we drive cars that use a lot of gas, we are adding more _____ to the air that acts like a warm blanket.

- A. Oxygen
- B. Snowflakes
- C. Carbon dioxide
- D. Cold wind

4. Imagine a polar bear's ice is melting. Which of these is a 'smart plan' to help the bear's home in the future?

- A. Using big fans to blow cold air outside
- B. Using sun and wind to make our electricity
- C. Keeping all the lights on at night
- D. Buying things we only use once and toss away

5. True or False: Scientists use special tools to look at the Earth and can tell if it is getting warmer over a long time.

- A. True
- B. False

6. If we want to help the Earth, we should try to _____ things like paper and plastic so we don't need to make as much new stuff.

- A. Throw
- B. Burn
- C. Hide

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D. Recycle

7. Look at these four children. Who is helping the climate the most?

- A. Sam, who rides a bike to school
- B. Lily, who leaves the TV on all day
- C. Ben, who uses a new water bottle every day
- D. Mia, who throws paper in the trash

8. Rainforests are important because they act like 'Earth's Lungs.' They take in bad air and give us _____ to breathe.

- A. Smoke
- B. Oxygen
- C. Dust
- D. Clouds

9. True or False: Every small choice we make, like turning off a light, can help protect the planet.

- A. True
- B. False

10. If a beach starts to disappear because the water is rising, what is the best way to help long-term?

- A. Push the water back with a shovel
- B. Stop the Earth from getting too warm
- C. Move the sand to a different playground
- D. Add more salt to the ocean