

Name: _____ Date: _____

Answer Key: Nail the Nature Hero Challenge: Kindergarten Earth Science Quiz

Moving beyond simple weather observations—students identify patterns in our changing world while developing a foundational appreciation for planetary care.

1. Which of these is a way humans can help keep the Earth cool and happy?

Answer: B) Planting a new tree

Trees are like big umbrellas for the Earth; they breathe in the air that makes the world too warm and give us shade.

2. The Earth is feeling a little bit warmer than it used to be a long time ago.

Answer: A) True

Scientists have found that our planet's 'temperature' is rising, which is what we call climate change.

3. When the air gets too warm, the big chunks of ____ in the ocean start to melt.

Answer: B) Ice

Just like an ice cube melts on a hot sidewalk, large sheets of ice in cold places melt when the Earth warms up.

4. Polar bears live in very cold places. What happens to their home if it gets too hot?

Answer: C) The ice they walk on disappears

Polar bears need sea ice to hunt and rest; if the ice melts, they lose the place where they live.

5. Riding your bicycle instead of taking a car can help the Earth.

Answer: A) True

Cars puff out smoke that can trap heat, but bicycles use 'kid power' and keep the air clean.

6. People call the gases that trap heat around the Earth ' ____ gases.'

Answer: A) Greenhouse

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A greenhouse stays warm inside to help plants grow; certain gases do the same thing to our whole planet.

7. If we want to use less energy to help the Earth, what should we do when we leave a room?

Answer: B) Turn off the lights

Turning off lights saves electricity, which means we don't have to burn as many things to make power.

8. Instead of throwing everything in the trash, we can ____ paper and plastic.

Answer: C) Recycle

Recycling means making old things into new things, which uses less energy and keeps the Earth cleaner.

9. Every person, even a kid, can do small things to help the climate.

Answer: A) True

Small actions like saving water or recycling add up to a big difference when everyone helps together!

10. What is one thing that happens when the weather changes a lot all over the world?

Answer: B) Animals have to find new homes

When places become too hot or too dry, animals often have to move to find food and water.