

Name: \_\_\_\_\_ Date: \_\_\_\_\_

## Answer Key: Frozen's Elsa: Help Save Our 1st Grade Snowy Home Quiz

Moving beyond simple matching to active recall of how weather changes affects the natural world and our daily habits.

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**1. What is the name for the long-term pattern of weather in a place?**

**Answer:** B) Climate

Climate is the word scientists use to describe what the weather is usually like over a very long time.

**2. True or False: If the Earth gets too warm, it can change where animals like to live.**

**Answer:** A) True

Many animals need specific temperatures to find food or stay safe, so they may move if it gets too hot.

**3. When we ride a bike instead of a car, we help keep the \_\_\_\_ clean.**

**Answer:** A) Air

Cars can let out puffs of gas that make the air dirty and warm, so biking is a healthy choice for the planet.

**4. Which of these is a way to help the Earth stay cool?**

**Answer:** B) Planting a new tree

Trees are like giant umbrellas for the Earth; they breathe in the gases that make the world too warm.

**5. What might happen to a snowman if the winter weather gets too warm?**

**Answer:** C) He will melt into water

Just like a snowman melts, warming temperatures can cause snow and ice in cold places to turn into water.

**6. True or False: Polar bears love it when all the ice in the ocean melts.**

**Answer:** B) False

Polar bears need ocean ice to walk on so they can find their food.

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**7. Taking a short shower instead of a long bath helps save \_\_\_\_.**

**Answer:** C) Water

Saving water helps the environment because it takes a lot of energy to clean and move water to our houses.

**8. If the Earth gets warmer, what happens to the level of the ocean?**

**Answer:** C) The water goes up

When ice on land melts and flows into the sea, the ocean level rises, just like filling a bathtub.

**9. True or False: Turning off the TV when you are done helps the planet.**

**Answer:** A) True

Saving electricity means less fuel is burned, which helps keep the air cooler.

**10. A \_\_\_\_ is a scientist who studies the weather and climate.**

**Answer:** B) Climatologist

A climatologist is a special scientist who watches how the Earth's weather changes over many years.