

Name: _____ Date: _____

Answer Key: Blast Into the Blue: A 1st Grade Ocean & Water Expedition Quiz

Young explorers track 10 water droplets as they shift from salty seas to fluffy clouds using scientific observation and reasoning skills.

1. Imagine you are a tiny drop of water in the sun. If you get very warm and turn into invisible gas to travel up to the sky, what high-speed process is happening?

Answer: B) Evaporation

Evaporation happens when the sun warms up liquid water and turns it into water vapor, which is an invisible gas that rises.

2. True or False: Most of the water on our big blue Earth is salty ocean water.

Answer: A) True

Oceans cover more than half of the Earth, and that water contains salt, unlike the fresh water in most ponds.

3. When water vapor high in the sky cools down and bunches together, it forms a _____.

Answer: B) Cloud

Condensation is when water vapor cools off and turns back into tiny liquid drops, which we see as clouds.

4. Which of these is an example of 'precipitation' falling from the sky to the ground?

Answer: C) Snowflakes

Precipitation is any form of water, like rain, snow, or hail, that falls from clouds to the Earth's surface.

5. True or False: The water cycle has a beginning and an end, like a race track with a finish line.

Answer: B) False

The water cycle is a continuous loop that never stops moving water around the planet.

6. After it rains on a hill, the water that flows over the ground and down into a stream is called _____.

Answer: B) Runoff

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Runoff is water that 'runs off' the land and travels into rivers, lakes, and eventually the ocean.

7. If you are swimming in the ocean and some water gets in your mouth, how will it most likely taste?

Answer: B) Salty

Ocean water has salinity, which means it contains a lot of salt dissolved in the water.

8. The _____ provides the heat and energy that starts the water cycle by warming up the oceans.

Answer: C) Sun

Without the heat from the sun, water would not evaporate and the water cycle would not work.

9. True or False: Large movements of water that flow like rivers through the ocean are called currents.

Answer: A) True

Ocean currents are like giant underwater rivers that move water from one part of the world to another.

10. If a rain cloud moves over a very cold mountain, the water inside might freeze. What will fall to the ground then?

Answer: C) Snow or hail

When water freezes in the atmosphere due to cold temperatures, it falls as solid precipitation like snow.