Name: _____ Date: _____

A Drop's Great Escape: The Kindergarten Water Cycle Quest

Thirteen miles of ocean depth meet the snowy mountain peaks in 10 challenges requiring deep analysis of how water moves and changes form.

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1. Imagine you are a tiny drop of water in the salty Indian Ocean. The sun makes you very hot. What is your clever plan to reach the sky?

A. Freeze into a heavy ice cube
B. Turn into invisible gas and float up
C. Swim to the bottom and hide
D. Wait for a fish to carry you to a cloud

2. If a cloud gets too heavy with water over a cold mountain, it will always drop liquid rain instead of snow.

A. True
B. False

3. Look at a map of our world. Most of the Earth is covered by blue water. This water is mostly _____.

A. Fresh and sweet like juice
B. Hot and bubbly like a bath
C. Salty ocean water
D. Frozen solid like a Popsicle

4. You see 'breath clouds' when you exhale on a cold morning. Which part of the water cycle is this most like?

A. Rain falling on a roof
B. Water soaking into the dirt
C. Flowing down a river
D. Steam cooling down to form a cloud

5. The water you drank today could be the same water a dinosaur drank millions of years ago.

A. True
B. False

6. A river flows very fast down a hill after a storm. It is trying to find its way back to _____.

A. The moon
B. The center of the world
C. The ocean
D. A kitchen sink

7. If there were no sun at all, what would happen to the water cycle?

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A. It would go faster
B. The water would stop moving up to the sky
C. It would rain more
D. The ocean would become lemonade

8. When water vapor high in the sky gets cold and bunches together, it creates _____.

A. Clouds
B. Sunshine
C. Wind
D. Trees

9. Ocean water is exactly the same as the water in a swimming pool.

A. True
B. False

10. Why does rain fall DOWN instead of floating UP after it forms in a cloud?

A. The drops become too heavy for the air to hold
B. The clouds push them away
C. The moon pulls them up
D. The birds drop them