Name: _____ **Date:** _____

Salty Splash and Cloud Crash: High-Level Pre-K Hydrology Quiz

Young scientists evaluate how heavy clouds transform into rain and analyze why ocean water stays salty while rain stays fresh.

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1. If a cloud gets too heavy with water and 'breaks,' what happens to the animals living below?

A. They stay dry because clouds are made of cotton
B. They get wet because the water falls as precipitation
C. The sun turns the water into hard ice cubes immediately
D. The wind carries the animals up into the cloud

2. True or False: The big blue ocean is salty, but the rain falling from the sky is not salty.

A. True
B. False

3. When the sun warms up a puddle, the water 'hides' in the air. This disappearing act is called ___.

A. Melting
B. Freezing
C. Evaporation
D. Swimming

4. Imagine a river running down a mountain. Where is that water trying to go for its big nap?

A. Up into the moon
B. Back to the deep, wide ocean
C. Into a giant toaster
D. Underneath a heavy rock forever

5. A tiny drop of water in the ocean can travel all the way to a cloud and back. This never-ending circle is the ___.

A. Water Cycle
B. Food Train
C. Moon Dance
D. Rock Slide

6. True or False: If the sun stopped shining, the water in the ocean would still turn into clouds easily.

A. True
B. False

7. Which of these looks like water 'clumping together' to make a cloud in the sky?

A. Steam from a hot cocoa cup
B. A dry piece of bread

Name: _____ Date: _____

C. A shiny silver coin
D. A wooden building block

8. The ocean is very deep. Most of the animals that live there need ___ water to survive.

A. Juice
B. Milk
C. Salt
D. Mud

9. True or False: Cold air high in the sky helps water vapor turn back into liquid water drops.

A. True
B. False

10. If you were a raindrop falling into the ocean, what would happen to you next in the cycle?

A. You would stay in the ocean forever and never move
B. You would turn into a fish
C. Eventually, the sun would pull you back up to the sky
D. You would grow legs and walk away