

Name: _____ Date: _____

Salty Seas and Skyward Journeys for 1st Grade

Creative problem-solving scenarios where students predict water movement and analyze the relationship between sun energy and heavy rain clouds.

1. If you were a drop of ocean water that wanted to visit a tall mountain, what is the first step of your journey?

- A. Freezing into a solid ice cube
- B. Sinking to the bottom of the deep sea
- C. Warming up and turning into invisible gas
- D. Staying exactly where you are

2. Imagine the Sun took a long vacation and the sky stayed dark. The movement of water would likely ____.

- A. Speed up and get faster
- B. Stop or slow down a lot
- C. Turn into lemonade
- D. Make the ocean disappear

3. True or False: If you catch a raindrop in your mouth, it tastes salty because it came from the ocean.

- A. True
- B. False

4. A cloud is getting very heavy and dark over a forest. What is the most likely 'output' of this system?

- A. The cloud will turn into a rainbow immediately
- B. The cloud will float away and disappear
- C. Water will fall as precipitation like rain or snow
- D. The forest will move to the ocean

5. The ocean is like a giant bowl that ____ water from rivers all over the world.

- A. Collects
- B. Hides
- C. Throws away
- D. Boils

6. True or False: The water you drink today could be the same water that a dinosaur drank millions of years ago.

- A. True
- B. False

7. Which of these shows the water cycle working in a different order than usual?

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- A. Ocean -> Cloud -> Rain -> River
- B. Sun -> Evaporation -> Condensation
- C. Rain -> Puddle -> Sun -> Vapor
- D. Snow -> Ice -> Dry Sand

8. When steam from a hot shower touches a cold mirror and turns into drips, it is acting like ___ in the sky.

- A. A lightning bolt
- B. A forming cloud
- C. The bright sun
- D. A sandy beach

9. True or False: Plants help the water cycle by 'breathing' out water vapor through their leaves.

- A. True
- B. False

10. If you are designing a map of a healthy planet, where should most of the water be located?

- A. In small bottles on the moon
- B. In huge, salty oceans
- C. Inside of volcanoes
- D. Underneath the desert sand only