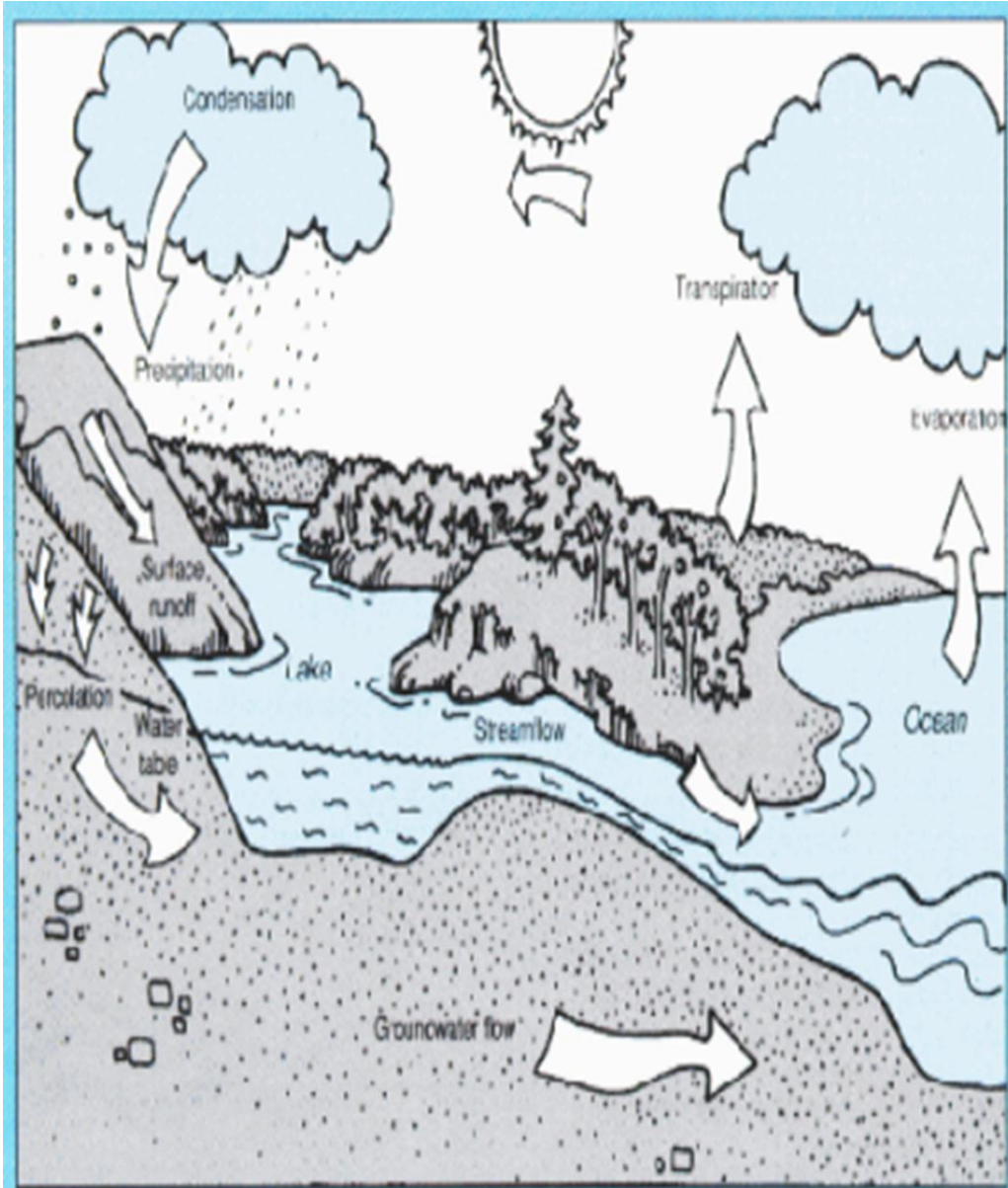


THE WATER CYCLE



<http://www.und.edu/instruct/eng/fkarnar/picts/wcycle.gif>

Condensation

Precipitation

Surface Runoff

Percolation

Groundwater flow

The Sun

Transpiration

Evaporation

The evaporation of water from plants

Water that flows through soil or rock underground

Change of water vapor to liquid water

Change of liquid water to water vapor

The source of the energy that powers the Water Cycle

When liquid water runs downhill on Earth's surface

The infiltration of water from the surface to the subsurface

The falling of any form of water from the air to the ground

Make the Water Cycle Foldable©:

1. Fold a piece of colored paper (blue, perhaps?) in half hamburger bun-style.



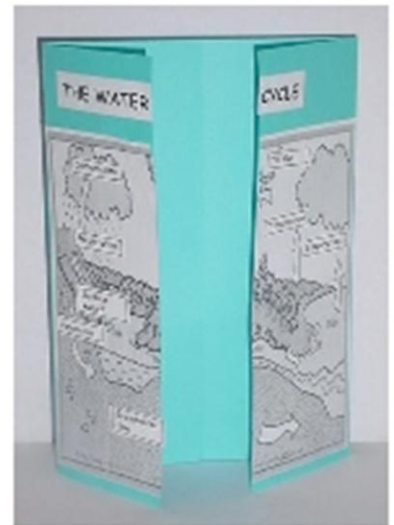
2. Open again and fold each side into the center fold line. Each "door" opens at the center.



3. Cut out the Water Cycle Diagram. Fold in half hot dog bun style. Cut in half. Glue half of the diagram on the left front "door" and the other half on the other door.



4. Cut out the labels and glue onto the front at the correct places. Put the Water Cycle title at the top. Cut in half to center it.

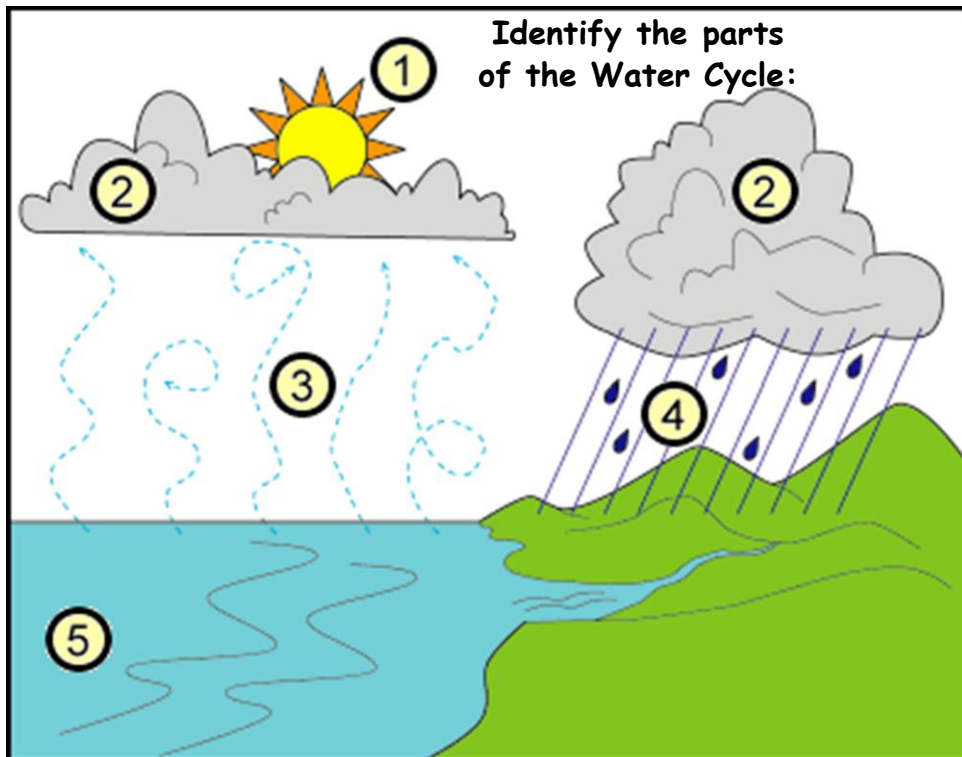
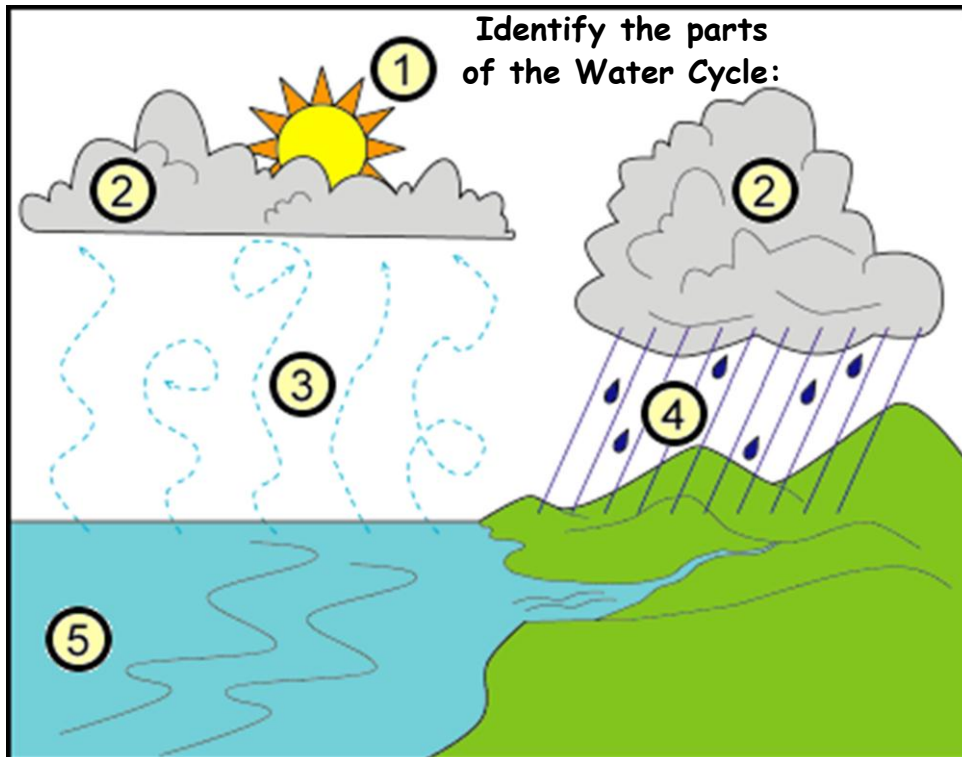


5. Cut out the definitions and glue on the inside under the appropriate term.



6. Cut the flaps so that each vocabulary word on the front has a flap that reveals the correct definition underneath. There should be five flaps on the left and three flaps on the right.





Water Cycle Foldable Questions

Name _____

Class _____

1. Water in its solid state in the atmosphere is called _____; in its liquid state is called _____; and in its gas state is called _____.

2. What factor is most important in determining whether water is a solid, liquid, or gas?

3. Water _____ when it is heated. What is the source for this heat?

4. Evaporation is the process where a liquid changes from its _____ state to a _____ state.

5. Why is evaporated water so clean?

6. Clouds form by _____?

7. Condensation occurs when a _____ is changed into a _____.

8. Condensation is the opposite of _____.

9. Rain soaks into the ground, through the pore spaces in the soil and rock layers. This is called _____.

10. The process of evaporation through plant leaves is called _____.

11. Water that doesn't infiltrate the land flows along the surface instead. This is called _____.

12. Runoff is a major agent of _____.

13. Is runoff always a good thing for the environment? _____ why or why not?

14. Why is the Water Cycle called a "cycle?"

15. Is it possible that you could be drinking water that a dinosaur once also drank?
