Student Name: _____ Date: _____

Water Cycle Journey Game Sheet 3

Directions Imagine you are a water molecule. Begin at the station designated by your teacher that corresponds to different locations where water may be found. Then, follow the following steps:

1. At your station, roll 1 of the dice.
2. Read the description on the station poster that corresponds to the number you rolled. This describes what happens to your water molecule and where it travels next.
3. Record the new location as indicated on the station sheet as well as the description of what happened to your water molecule. Move to the new station.
4. If you roll a number that corresponds with "STAY," record that you are staying at your current location and continue rolling until you move to a new station.
5. Repeat this process for a total of 20 stops or rolls.

Station Stop	What Happened?
Example: Clouds	The sun comes out, water evaporates to the clouds.
1.	
2.	
3.	
4.	
5.	
6.	
7.	
8.	
9.	
10.	
11.	

12.	
13.	
14.	
15.	
16.	
17.	
18.	
19.	
20.	

Analysis Questions

Draw a picture to summarize your journey through the Water Cycle from the Water molecule's point of view. Place a star at your starting point and include at least 6 of the vocabulary words on the following page.

Drawing

Vocabulary - Define the following terms using your own words.

1. Evaporation -
2. Transpiration -
3. Cycle -
4. Water Cycle -
5. Condensation -
6. Precipitation -
7. Infiltration -
8. Condensation -
9. Evaporation -
10. Vaporization -
11. Absorption -
12. Runoff -
13. Simulation -
14. Porosity -
15. Permeability -
16. Sediment -
17. Evapotranspiration -
18. Clouds -

Human Impact - For the following locations in the water cycle, describe how humans might negatively impact the water moving to, from, or remaining in that part of the water cycle.

1. Oceans -

2. Soil -

3. Rivers -

4. Clouds -

5. Ground water -

6. Plants -

This student sheet has been adapted from Goulburn Valley Water.