

**STUDY GUIDE****Key Terms(page number)**

Global Warming (25)	Ground Water (23)	Atmosphere (9)	Lithosphere (9)	Density (17)
Drainage Basin (26)	Condensation (9)	Evaporation (9)	Crevasse (24)	Iceberg (24)
Oceanographer (20)	Hydrosphere (9)	Water cycle (9)	Run-off (27)	Glacier (23)
Freezing Point (17)	Precipitation (9)	Hydrologist (9)	Salinity (14)	

**Questions**

1. What % of the world's water is salt water? What % is fresh water? What % of the world's water is liquid? What % is in a frozen state? (8)
2. What drives the water cycle? (9)
3. Name three places where water is stored in the water cycle. (9)
4. Where is most of the world's fresh water found? (13)
5. Using the Bill Nye video, what has to happen in order for water to change from a liquid to a gas?
6. Name the three states of water and give an example of each.
7. Determine if the following are examples of condensation or evaporation.
  - (a) Glasses fog up when you come inside on a cold day.
  - (b) After washing the car, it is dry an hour later.
  - (c) After a warm shower, the mirror in the bathroom is fogged up.

8. Complete the table below:

	Salt Water	Fresh Water
Density		
Freezing point		
Salinity		

9. Ocean water is \_\_\_\_ times saltier than fresh water.
10. Why is ocean water saltier near the equator? (14)
11. Where would the salinity of ocean water be lower? Why? (14)
12. Name two sources of ocean salt (16)
13. What is the most common material deposited in the ocean? (16)
14. Water in the Dead Sea is \_\_\_\_ times saltier than ocean water. (17)