**Webquest For Water Chemistry**

<http://www.windows2universe.org/earth/Water/dissolved_salts.html>

1. Define Salinity:

2. In what units do scientists report salinity? Give an example of what the unit means.

3. What is the average salinity of the ocean?

4. What % of the ocean is salt?

5. List the 6 main dissolved salts in the ocean:

<http://www.windows2universe.org/earth/Water/ocean_chemistry.html>

6. What makes the ocean salty?

7. What greenhouse gas dissolves in ocean water?

<http://www.windows2universe.org/earth/climate/ocean_acidification.html>

8. What does CO2 become when too much of it dissolves in the ocean?

9. What do many marine creatures use to build their shells?

10. What does acid do to marine shells?

<http://www.windows2universe.org/earth/Water/density.html>

11. What is the average density of ocean water? Is it more or less dense than fresh water?

12. What are the 2 main factors that affect the density of sea water?

13. What happens to the density of the ocean as you go to the bottom of the ocean?

<http://www.youtube.com/watch?v=TDEzBWjQpQI&feature=related>

14. Why do you think this man is able to float so easily in the dead sea?

<http://www.extremescience.com/dead-sea.htm>

15. What percent of the dead sea is salt?

16. How much more salty than the ocean is the dead sea?

17. Why do you think only certain types of bacteria can survive in the dead sea? Why do fish instantly die?

18. Why is the dead sea very dense?

19. What affect does this density have on people swimming in the dead sea?