**TEST DATE:**

***NAME:***

***Unit 1 Guide:* Oceanography**

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| ***Student Learning Objectives:*** | ***Applying Assignments:*** |
| I can list the special properties of water.  | * Properties of Water worksheet
 |
| I can describe the differing densities of salty and fresh water  | * Salinity Lab
 |
| I can define the different plate boundaries and recite the Theory of Plate Tectonics and Continental Drift | * Plate Tectonics Webquest
 |
| I can explain why the oceans’ currents rotate as they do and how they carry differing water temperatures around the globe. I can define the Great Ocean Conveyor and the Coriolis effect.  | * Surface Currents worksheet
 |
| I can recognize the different zones of the sea floor | * Notes, diagram of sea floor
 |
| I can describe and diagram how the moon affects the ocean | * Tides virtual lab
 |
| I can identify the zones of the shore and open ocean | * Open ocean diagram worksheet
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***VOCABULARY:*** **(Define in your own words!)**

1. **Polar molecule**
2. **hydrogen bond**
3. **density**
4. **salinity**
5. **adhesion**
6. **cohesion**
7. **heat capacity**
8. **vaporization**
9. **solute/solubility**
10. **ocean basin**
11. **core (of the earth)**
12. **mantle**
13. **crust**
14. **convergent**
15. **Continental Drift**
16. **Lithospheric plates**
17. **Convection**
18. **Divergent**
19. **Transform fault**
20. **Trench**
21. **Gyres**
22. **Currents**
23. **Coriolis effect**
24. **Biotic**
25. **Abiotic**
26. **Lithogenous**
27. **Biogenous**
28. **Tide**
29. **High tide**
30. **Low tide**
31. **Neap tide**
32. **Spring tide**