

## Ocean WebQuest

<http://www.mos.org/oceans/motion/wind.html>

1. The size of a wave depends on \_\_\_\_\_
2. Waves travel \_\_\_\_\_ water, they do not take \_\_\_\_\_ with them.

<http://www.enchantedlearning.com/subjects/ocean/Waves.shtml>

3. Tsunamis are sometimes called tidal waves, and are different from surface waves: they are usually caused by \_\_\_\_\_.

<http://www.mos.org/oceans/motion/currents.html>

4. What do you call the circular patterns in which the world's oceans travel? \_\_\_\_\_
5. What body of water can these patterns be compared to? \_\_\_\_\_
6. What else causes currents to flow? \_\_\_\_\_
7. Do all currents have the same characteristics? \_\_\_\_\_
8. What makes them different? \_\_\_\_\_
9. Describe the Gulf Stream by its characteristics. \_\_\_\_\_  
\_\_\_\_\_
10. Besides cold water what does the Humboldt current normally bring to the surface? \_\_\_\_\_  
\_\_\_\_\_

NEXT PAGE 

<http://www.enchantedlearning.com/subjects/ocean/Tides.shtml>

11. Give a definition of tides and explain how what causes them. \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

<http://www.enchantedlearning.com/subjects/weather/hurricane/landfall.shtml>

12. What is a storm surge? \_\_\_\_\_  
\_\_\_\_\_

13. What can be the most dangerous part of a hurricane? \_\_\_\_\_

<http://www.mos.org/oceans/planet/features.html>

14. What is the Average Depth of the ocean? \_\_\_\_\_

15. What is the Deepest point and where is it? \_\_\_\_\_

16. What is the highest Mountain and where is it? \_\_\_\_\_

17. Around most continents are shallow seas that cover gently sloping areas. What are these areas called?  
\_\_\_\_\_

18. Where do the continental shelves end? \_\_\_\_\_

19. What is beyond the continental slope? \_\_\_\_\_

20. What are the deepest parts of the oceans called? \_\_\_\_\_