

Worksheet 3

You are about to embark on an exciting quest to learn more about the ocean tides, currents, and waves and how they affect our planet. Your worksheet contains some questions and web sites that you will visit in order to complete a scavenger hunt.

<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? _____

<http://www.secretsatsea.org/story/3a.html>

8. For what are currents responsible?

9. Major ocean currents maintain their paths like _____.

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

10. What is a storm surge?

11. What can be the most dangerous part of a hurricane?

12. What is the Average Depth of the ocean?

13. What is the Deepest point and where is it?

14. What is the highest Mountain and where is it?

Adapted from: <http://www.teacherpage.com/fbowman58/docs/oceanwebquest.pdf>

