

Mrs. Whittaker: Advanced Earth Science

Unit 4: Reading and Note Guide

Chapter 15 - 16

Assignment 1

Key Terms You Should See:

Oceanography

Side-Scan Sonar

Salinity

Read pgs. 384 – 394

1. What was the Challenger?
2. When were the oceans formed?
3. Where did the water come from?
4. What percent of the earth's surface is covered in water?
5. What are the three major oceans, besides Artic and Antarctic?
6. What is the average salinity of the ocean?
7. Where is the salinity the highest? Why?
8. Name three places where the salinity might be lower. Why?

9. Where do each of these sea salts originate?

Cl -

SO₂ -

Sodium, Calcium, Potassium -

Iron and Magnesium -

10. In order to keep salinity constant ions need to be removed at the same rate at which they are added. What are means by which ions are removed?