

Mrs. Whittaker: Advanced Earth Science

Unit 4: Reading and Note Guide

Chapter 15 - 16

Assignment 2

Key Terms You Should See:

- Continental Margin
- Continental Shelf
- Continental Slope
- Turbidity Current
- Continental Rise
- Abyssal Plain
- Deep-Sea Trench
- Mid-Ocean Ridge
- Seamount
- Hydrothermal Vents
- Smokers
- Manganese Nodules

Read Pgs. 403 – 405 and 422 - 429

11. What are gyres and why do oceans have them?

12. What is an upwelling and why does it not form on every coast?

13. Describe a turbidity current

14. What are hydrothermal vents? Google chemosynthesis and explain what allows it to happen at a hydrothermal vent.

15. List what makes up marine sediment and where it comes from.

16. What is a manganese nodule?