

S6E3 Students will recognize the significant role of water in Earth processes.

- a. Explain that a large portion of the Earth's surface is water, consisting of oceans, rivers, lakes, underground water, and ice.
- b. Relate various atmospheric conditions to stages of the water cycle.
- c. Describe the composition, location, and subsurface topography of the world's oceans.
- d. Explain the causes of waves, currents, and tides.

#### **Assignments:**

1. Reading assignment: Concepts and Challenges: **What is the world ocean? pages 226 – 227** Read lesson, then write and answer all questions on pages 226 and 227.
2. **Where is water on Earth located?** Students will use graphic to collect data and place the data in a table and answer questions. Using the data collected, students will then construct a bar graph.
3. **What is the water cycle?** Reading assignment handout – answer all questions
4. **The Hydrological Cycle** – Label the parts of the water cycle (infiltration, condensation, evaporation, condensation, run off, precipitation).
5. Reading assignment: Concepts and Challenges: **What are some properties of the ocean? Pages 230-231** Read lesson, then write and answer all questions on pages 230 and 231.
6. **The Ocean Floor** Handout: Label the features of the ocean floor
7. **Ups & Downs At The Bottom** Handout: Label the features of the ocean floor
8. **Down on the Ocean Floor** Aims Activity- Graphing the features on ocean floor.
9. **10-8 What are some ocean landforms?** Vocabulary worksheet with model of ocean floor
10. **What are ocean waves?** Pages 234-235 Concepts and Challenges: Write and answer all questions
11. **What are tides?** Pages 238-239 Concepts and Challenges: Write and answer all questions
12. **10-5 What are ocean waves?** Worksheet review of lesson: vocabulary and labeling parts of a wave
13. **Ocean Motions** – Waves, Currents, and Tides
14. **Catch A Wave**
15. **Which Tide Is Which**
16. **Tide Talk**
17. **What are ocean currents?** Page 232 and 233 Concepts and Challenges textbook Write and answer all questions.
18. **Study Guide Benchmark 2 S6E2** Benchmark will be given **DEC 18, 2012**. Students should study every night! **5 Bonus points for Study folder grade if this assignment is signed by Parent showing that you studied this guide for Benchmark test!!!!!!! (12/5/2012)**
19. **Study Guide Benchmark 2 S6E3** Benchmark will be given **DEC 18, 2012**. Students should study every night! **To earn 5 Bonus points for Study folder grade this assignment must be signed by Parent showing that you studied this guide for Benchmark test!!!!!!! (12/5/2012) 5 pages**
20. CRCT Test Prep Booklet Pages 49 – 56
21. Vocabulary
22. 2<sup>nd</sup> Nine Weeks Study Guide Questions and Answers – Use assignments 18 and 19!
23. Quia quiz – Water Cycle, Composition, location, and Subsurface Topography of Ocean, and Currents, Waves, and Tides