

Layered Curriculum – Hydrosphere Review

C Level Assignments

Complete **40** points worth in this section

Assignment	Possible	Earned
1. Take notes from Prentice Hall Science Explorer textbook on pages 60-63.	10	
2. Draw a graph of the breakdown of water on Earth.	10	
3. Take notes from Prentice Hall Science Explorer textbook on pages 154-159.	10	
4. Create a dance choreography (presented in either a video recording or step-by-step drawn dance moves) for water traveling through a watershed.	10	
5. Create a chart of the ocean floor features, how they are formed and what can live there.	10	
6. Write a story or draw a comic about how the difference between the layers/ecosystems of the ocean. At least 5 sentences or comic strips.	10	
7. Draw a picture with examples of point (3) and nonpoint source (3) pollutions.	10	
8. Write 5 sentences describing the laws and regulations for clean water.	10	
9. Write 5 sentences explaining the following: Approximately 50% of fish are caught from areas where there is upwelling. Why is this so? How is this resource beneficial to our economy?	10	
10. Draw a marine or marine/terrestrial food web, labeling the roles of the organisms.	10	
11. Write 5 sentences describing how ocean currents contribute to the distribution of energy and resources on Earth?	10	

B Level Assignments

Complete **20** points worth in this section.

Assignment	Possible	Earned
1. Write a rap, song, or poem using 15 of the vocabulary words: hydrosphere, freshwater, groundwater, aquifer, watershed, estuary, ocean basin, salinity, marine, upwelling, chemosynthesis, point-source pollution, non-point source pollution, algal bloom, stewardship, pH, turbidity, bioindicator.	10	
2. Write a procedure to explain to 5 th grade students how temperature, pressure, and light change in each zone of the ocean.	10	
3. Create a rap, short story, song, or comic about monitoring water quality.	10	
4. Write a short two paragraph essay comparing and contrasting point and nonpoint source pollution.	10	
5. Create a chart to list and describe at least three different technologies that are available for humans to learn more about the depths of the ocean and how they are used.	10	

A Level Assignments

Complete **20** points worth in this section

Assignment	Possible	Earned
1. Create 5 multiple choice test questions related to this unit. You must explain the answer to each question and explain why every other answer choice is wrong.	20	
2. Create a review game with at least 10 questions about the topics in this unit. Include instructions for how to play and score the game.	20	
3. Create a one page note sheet (front and back) or poster with ALL the important information related to this unit to succeed on these sections of the EOG.	20	

Total Points: / 80

Your Grade: