

7th Grade Science Book E Environmental Science

Chapter Three: The Earth's Ecosystems

Section Two: Marine Ecosystems (pg 58-63)

For each word listed below, write the word on a piece of notebook paper, underline or highlight the word and then write the definition after the word. (Students are encouraged to take the definition from the actual text because that is the definition that will be used on quizzes and tests).

marine ecosystem plankton intertidal zone
holdfasts estuary

Answer each of the following questions on a piece of notebook paper, in a complete sentence, restating the question in your answer. Failure to follow these rules will result in the student having to rewrite the assignment to earn their points.

1. What abiotic factors shape the marine ecosystem?
2. Why are plankton so important to the marine ecosystem?
3. Why would water near the surface be warmer than water at deeper depths in the ocean?
4. Why would the bottom parts of the ocean be called the “dead zone”?
5. Besides water temperature, what two other factors affect ocean life?
6. Describe the neritic zone.
7. Describe the oceanic zone.
8. Describe the benthic zone.
9. Most precipitation originates where?
10. What three areas are included in the intertidal area?
11. Intertidal organisms must deal with two conditions in order to survive, what are they?
12. A coral reef is made up largely of what?
13. Name an estuary found in your county.
14. Do problem #6 on page 63.