

7th Grade Science Book E Environmental Science

Chapter Three: The Earth's Ecosystems

Section Three: Freshwater Ecosystems (pg 64-67)

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).

Spring tributary river littoral zone
Open-water zone deep-water zone
Wetland marsh swamp

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. Give three examples of fresh water ecosystems.
2. How far down does the open water zone go?
3. Organisms living in the deep water zone generally eat what?
4. How are a swamp and a marsh different?
5. What can lead to the death of all fish in a pond or lake?
6. Sunlight can penetrate a certain lake to a depth of 15 meters. The lake is five and a half times deeper than the depth to which light can penetrate. In meters, how deep is the lake?
7. Imagine a steep, rocky stream. What kinds of adaptations might animals living in this stream have? Explain your answer.