

Name\_\_\_\_\_

Date\_\_\_\_\_

## Chapter 4.4 Biomes and 4.5 Aquatic Biomes (pages 110-121)

Complete the chart below for the **6 major terrestrial biomes**. You need to identify and describe the biomes in terms of the following: **rainfall (cm), distribution around the world, key characteristics, and types of plants/animals.**

<b>Tundra</b>	<b>Taiga (boreal forests)</b>
<b>Deserts</b>	<b>Tropical Rain Forests</b>
<b>Grasslands (prairies, steppes, pampas, savannas)</b>	<b>Deciduous Forests (Temperate Forests)</b>

**(BACK)**

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Overview of Aquatic Biomes (pages 117-121)

1. What is the photic zone? What is the aphotic zone?

2. Define **BENTHOS**:\_\_\_\_\_

3. Describe freshwater ecosystems:

a. Rivers and streams:

b. Lakes and ponds:

c. Freshwater wetlands:

4. a. What is an estuary? Describe key characteristics. Give examples.

b. How might a dam upriver affect an estuary at the mouth of the river?

5. a. List 3 major marine ecological zones. Give 2 abiotic factors for each zone.

b. Using 4-22 as a guide, draw a cross-section of the ocean starting with a beach and ending with an ocean trench. Label the intertidal zone, coastal ocean, and open ocean. Subdivide the open ocean into photic and aphotic zones.