

Aquatic Biomes

There are two main aquatic biomes --- freshwater and marine.
Construct a concept map for each aquatic biome. Each biome concept map should include the following information:

Freshwater Biomes

Hint: Start your concept map by grouping your bodies of freshwater into large categories such as fast moving (lotic) or standing (lentic)

- Include ALL types of freshwater habitats such as rivers, streams, lakes, ponds, swamps, bayous, bogs, aquatic caves, hot springs, wetlands, estuaries, etc.
- Major abiotic factors descriptive of EACH body of freshwater (current, temperature, amount of light, dissolved oxygen, etc.)
- Include zones (if present) and what describes each
- Main autotrophs for EACH body of freshwater
- Main consumers (list both 1st and higher order consumers, nekton)

Marine

- Include ALL zones in the ocean --- intertidal, neritic, oceanic, pelagic, benthic
- Include which zones are photic and aphotic (This would be a good starting point to use for grouping your marine biomes.)
- Major abiotic factors descriptive of each zone
- Main producers of each zone (if present)
- Main consumers in each zone being sure to include benthic and pelagic organisms

BE SURE TO INCLUDE AS MANY BRANCHES AS POSSIBLE TO YOUR CONCEPT MAP.