

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

NOTE: Start your concept map by grouping your biomes of freshwater into large categories such as fast-moving stream or standing biomes!

- Include ALL types of freshwater biomes such as rivers, streams, bays, ponds, swamps, lakes, lagoons, aquatic forests, hot springs, wetlands, reservoirs, etc.
- Major abiotic factors description of FRESH biomes of freshwater (current, temperature, amount of light, dissolved oxygen, etc.)
- Include names of producers and what describe each
- Name consumers for FRESH biomes of freshwater
- Name consumers described if and higher order consumers, explain!

Marine

- Include ALL zones in the ocean — intertidal, neritic, ocean, pelagic biomes
- Include which zones are plants and animals. (This would be a good starting point to use for grouping your marine biomes.)
- Major abiotic factors description of each zone
- Name producers of each zone (if present)
- Name consumers in each zone being sure to include biotic and pelagic organisms

Use groups to compare and contrast your concept maps. Be sure to include the following questions in your notes: