

<p align="center"><u>Main Topic:</u> Biomes</p> <p align="center">Learning Objectives/Outcomes:</p>						
<p>Topic: Biomes – large geographic areas with similar ecosystems and climate (temperature and precipitation).</p>						
<p><u>Ideas:</u> <u>Tundra</u> What is the tundra sometimes referred to as?</p> <p>What is the average precipitation in the tundra?</p> <p>What is the average temperature in the tundra?</p> <p>What is permafrost?</p> <p>What kinds of plants grown in the tundra?</p>	<p><u>Ideas: Taiga</u> What is the world's largest biome?</p> <p>What is the average precipitation in the taiga?</p> <p>What is the average temperature in the taiga?</p> <p>What kinds of trees grow in the taiga?</p> <p>What kinds of plants inhabit the forest floor?</p>	<p><u>Ideas:</u> <u>Temperate Deciduous Forest</u> What is this biome known for?</p> <p>What temperature is reached there in the summer?</p> <p>What is the low temperature reached in the winter?</p> <p>What is the average temperature in this biome?</p> <p>What is the average precipitation in this biome?</p>	<p><u>Ideas:</u> <u>Rainforest</u> What is the defining characteristic of rainforests?</p> <p>What are the two types of rainforests?</p> <p>How do temperate rainforests differ from tropical rainforests?</p> <p>Describe the climate of temperate rainforests.</p>	<p><u>Ideas:</u> <u>Desert</u> How much rainfall do deserts receive each year?</p> <p>What adaptations have plants developed to live in the desert?</p>	<p><u>Ideas:</u> <u>Grassland</u> How much rainfall do grasslands receive?</p> <p>What prevents forests from growing where grasslands are?</p> <p>What is the difference between tropical and temperate grassland climates?</p> <p>What is the yearly temperature range in the grassland?</p>	<p><u>Ideas:</u> <u>Aquatic</u> What determined whether an aquatic biome is freshwater or marine?</p> <p>What traits help to further classify aquatic biomes?</p> <p>Describe freshwater ecosystems.</p>

Which organisms inhabit the tundra during the summer?	Why do these kinds of plants grow on the forest floor?	What kinds of trees live in the deciduous forest?	Describe the climate of tropical rainforests.	What adaptations have desert animals developed?	What kinds of animals live in the grassland?	How much of the earth's water is freshwater?
Which organisms stay in the tundra year round?	What kinds of animals live in the taiga?	What kinds of plants grow on the shady forest floor? What kind of wildlife live in the temperate deciduous forest?	List and define the layers of the rainforest.			<p>What life do freshwater ecosystems support?</p> <p>What distinguishes marine ecosystems from freshwater ecosystems?</p> <p>How much of the earth's oxygen is supplied by marine ecosystems?</p> <p>What are some examples of marine ecosystems?</p>

			<p>Are rainforests highly biodiverse?</p> <p>What percent of plant and animal species is the rainforest estimated to contain?</p> <p>What kinds of animals can be found in the rainforest?</p>			
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Key Vocabulary

Biome:

Permafrost:

Emergent Layer:

Canopy:

Understory:

Forest Floor:

Pictures

