

Name:

Date:

Class:

Biome Share Guide **Answer Key**

Savannah	Desert
<p>Climate Warm with a wet season and a dry season</p> <p>Precipitation 20-50 inches yearly</p> <p>Temperature 68-86°F</p> <p>Terrain Flat or gently rolling with scattered trees and grasses</p> <p>Animal Adaptations Migrates to find water and food Camouflages to hide in tall grass Long legs for running</p> <p>Plant Adaptations Deep roots to reach water Thick bark to resist fire Inactive when it is dry</p>	<p>Climate Very dry, extreme temperature changes</p> <p>Precipitation Less than 10 inches yearly</p> <p>Temperature 100°F during the day and 40°F at night</p> <p>Terrain Sandy and rocky with few plants</p> <p>Animal Adaptations Active at night to avoid daytime heat Light colors to reflect heat</p> <p>Plant Adaptations Thick, waxy stems to trap water Spines instead of leaves to reduce water loss Can store water in their tissues</p>
Rainforest	Deciduous/Temperate Forest
<p>Climate Hot and humid all the time</p> <p>Precipitation Over 80 inches yearly</p> <p>Temperature 70-85°F</p> <p>Terrain Thick forest with layers</p> <p>Animal Adaptations Bright colors for warning or communication Climbing abilities Vocal to communicate in the thick forest</p> <p>Plant Adaptations Large leaves to capture sunlight Leaves have a drip tip to remove water Widespread roots to grow tall and hold themselves upright</p>	<p>Climate Four seasons, with cold winters and warm summers</p> <p>Precipitation 30-60 inches yearly</p> <p>Temperature 30-70°F</p> <p>Terrain Fertile soil, hills and valleys</p> <p>Animal Adaptations Can hibernate or migrate during the winter Fur color changes with the seasons</p> <p>Plant Adaptations Lose leaves in the fall to conserve water Thick bark for protection Grows with the seasons, growth during spring and summer</p>

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Tundra	Taiga/Boreal Forest
<p>Climate</p> <p>Cold, dry, and windy</p> <p>Precipitation</p> <p>Less than 10 inches yearly, mostly snow</p> <p>Temperature</p> <p>-12-54°F</p> <p>Terrain</p> <p>Flat, treeless with a permafrost</p> <p>Animal Adaptations</p> <p>Thick fur or a fat layer to trap heat</p> <p>Migrate or hibernate during the coldest time of year</p> <p>Plant Adaptations</p> <p>Short to avoid the wind</p> <p>Shallow roots</p> <p>Dark green leaves to absorb heat</p>	<p>Climate</p> <p>Long, cold winters and short summers</p> <p>Precipitation</p> <p>12-33 inches yearly rain and snow</p> <p>Temperature</p> <p>-65 to 70°F</p> <p>Terrain</p> <p>Forest with conifer trees (ex. pine trees)</p> <p>Hilly and mountains</p> <p>Animal Adaptations</p> <p>Thick fur, seasonal color change</p> <p>Hibernate and stores food</p> <p>Plant Adaptations</p> <p>Needle leaves to reduce water loss</p> <p>Evergreen to photosynthesis all year</p> <p>Flexible branches to shed snow</p>
Grassland	Freshwater Wetland
<p>Climate</p> <p>Rainfall and seasonal temperature changes</p> <p>Precipitation</p> <p>10-30 inches yearly</p> <p>Temperature</p> <p>-40 to 100°F</p> <p>Terrain</p> <p>Flat</p> <p>Animal Adaptations</p> <p>Hangs out in groups for protection</p> <p>Fast to run from predators</p> <p>Burrows to escape heat and cold</p> <p>Plant Adaptations</p> <p>Deep roots to reach water</p> <p>Can regrow after a fire</p> <p>Narrow leaves to conserve water</p>	<p>Climate</p> <p>Varies can be cold or warm but is always wet</p> <p>Precipitation</p> <p>20-60+ inches yearly</p> <p>Temperature</p> <p>Depends on region</p> <p>Terrain</p> <p>Water-saturated soil, marsh, swamps and bogs</p> <p>Animal Adaptations</p> <p>Webbed feet</p> <p>Waterproof skin</p> <p>Plant Adaptations</p> <p>Floating leaves</p> <p>Air-filled spaces in roots and stems due to low Oxygen in water</p>

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Saltwater/Marine Open Ocean	Saltwater/Marine Coastal
<p>Climate Varies by region (warmer by the equator and colder in deep waters) Precipitation Varies, but evaporation occurs more than rainfall Temperature 39-72°F Terrain Deep water with NO solid ground, vast and open Animal Adaptations Streamlined bodies for swimming Can extract oxygen from the water Tolerates saltwater Plant Adaptations Float near the surface for sunlight</p>	<p>Climate Mild Precipitation Varies Temperature 50-75°F, depends on how close it is to the equator Terrain Rocky shores or sandy beaches Animal Adaptations Tolerates changes in tides/water level Tolerates saltwater Has the ability to climb or burrow Plant Adaptations Flexible stems to flow with currents Tolerates saltwater Seaweed has holdfasts to anchor so they do not get carried away by waves</p>