

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 Cold, dry, and windy</p> <p>Precipitation Less than 10 inches yearly, mostly snow</p> <p>Temperature -12-54°F</p> <p>Terrain Flat, treeless with a permafrost</p> <p>Animal Adaptations Thick fur or a fat layer to trap heat</p> <p>Migrate or hibernate during the coldest time of year</p> <p>Plant Adaptations Short to avoid the wind</p> <p>Shallow roots</p> <p>Dark green leaves to absorb heat</p>	<p>Climate Long, cold winters and short summers</p> <p>Precipitation 12-33 inches yearly rain and snow</p> <p>Temperature -65 to 70°F</p> <p>Terrain Forest with conifer trees (ex. pine trees)</p> <p>Hilly and mountains</p> <p>Animal Adaptations Thick fur, seasonal color change</p> <p>Hibernate and stores food</p> <p>Plant Adaptations 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 Rainfall and seasonal temperature changes</p> <p>Precipitation 10-30 inches yearly</p> <p>Temperature -40 to 100°F</p> <p>Terrain Flat</p> <p>Animal Adaptations 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 Deep roots to reach water</p> <p>Can regrow after a fire</p> <p>Narrow leaves to conserve water</p>	<p>Climate Varies can be cold or warm but is always wet</p> <p>Precipitation 20-60+ inches yearly</p> <p>Temperature Depends on region</p> <p>Terrain Water-saturated soil, marsh, swamps and bogs</p> <p>Animal Adaptations Webbed feet</p> <p>Waterproof skin</p> <p>Plant Adaptations 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)</p> <p>Precipitation Varies, but evaporation occurs more than rainfall</p> <p>Temperature 39-72°F</p> <p>Terrain Deep water with NO solid ground, vast and open</p> <p>Animal Adaptations Streamlined bodies for swimming Can extract oxygen from the water Tolerates saltwater</p> <p>Plant Adaptations Float near the surface for sunlight</p>	<p>Climate Mild Precipitation Varies</p> <p>Temperature 50-75°F, depends on how close it is to the equator</p> <p>Terrain Rocky shores or sandy beaches</p> <p>Animal Adaptations Tolerates changes in tides/water level Tolerates saltwater Has the ability to climb or burrow</p> <p>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>

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