

Ecosystem Study Guide

Weather vs Climate - know the difference!

Climate - averages

summer average temperature
average rainfall
is it typically

Weather - daily

temperature each day
Is it storming?
Are there clouds today?

Characteristics of Biomes:

RAINFOREST

warm, humid, lots of rain, thick bark on trees for food

WETLAND

covered in water, many plants, usually warm, plenty of rain

TUNDRA

cold, arctic circle, treeless plain, few animals

GRASSLAND

dry, covered in grasses, few trees

DESERT

hot and dry, plants have trouble growing, covered in sand

TEMPERATE FOREST

many trees, shrubs, plants, four seasons

Animal Adaptations

Know adaptations of:

zebras - stripes to camouflage
giraffes - long neck to reach food
moth - eye design on wings to scare predators
bullfrogs - brown and green color to camouflage
gray wolf - fur to stay warm
heron - sharp beak to pierce fish

Threats to Animal life:

- expansion of cities into habitats
 - pollution
 - overpopulation
 - cutting down trees
- All have humans in common**
- natural conditions: disasters, climate, predators