

Name _____

Exploring the Verdant Plains: Unveiling the Grassland Biome

Open-Ended Response Answer Key

1. Seasonal changes in temperate deciduous forests include the vibrant colors of autumn leaves, the emergence of spring wildflowers, and the adaptation of wildlife to changing temperatures and food availability.
2. Temperate deciduous forests play a vital role in sequestering carbon dioxide, stabilizing soil, purifying air and water, and providing habitat for diverse species.
3. One adaptation of plants in temperate deciduous forests is the shedding of leaves in the fall to conserve water and energy during the winter months. Animals may hibernate, migrate, or grow thicker fur to survive colder temperatures.
4. Individuals and communities can contribute to the conservation of temperate deciduous forests by supporting sustainable forestry practices, participating in reforestation efforts, and advocating for policies that protect forest habitats.

