

Geography Knowledge Organiser - Climate

Zones and Biomes

Weather: the day-to-day conditions of the atmosphere. Weather can change quickly - one day it can be dry and sunny and the next day it may rain.

Climate: average pattern of weather conditions that a large area receives over a period of 30 years.

Climate zones: an area with a particular climate.

Biomes: areas of our planet with similar climates, landscapes, animals and plants. There are four main biomes on dry land.

Forest: an area with a large number of trees.

Grassland: an area with grasses, flowers and herbs.

Desert: an area with a layer of soil that can either be sandy, gravelly, or stony.

Tundra: an area where trees struggle to grow because of low temperatures.

Convictional Rainfall: when the land warms up, it heats the air above it. This causes the air to expand and rise. As the air rises it cools and condenses and forms rain.

Relief Rainfall: air is forced to cool when it rises over relief features in the landscape such as hills or mountains. As it rises it cools, condenses and forms rain.

