

Key Vocabulary / Facts:

Reversible

Something that can go back to how it was before.

Irreversible

Something that cannot go back to how it was before.

Climate Zones

Different areas of the world that have their own types of weather.

Solution

A special mixture where something dissolves into a liquid.

Properties

The things that help describe what something is like.

Dissolve

When something disappears into a liquid to make a solution.

Evaporating

When a liquid warms up and turns into a gas.

Fair Test

A test where you only change one thing and keep everything else the same to make it fair.

Insulate

To keep heat in or out.

Soluble

Something that can dissolve in a liquid.

Transparent

Something you can see through clearly.

Key Questions:

1. What are biomes?
2. Can you describe a biome in detail?
3. What is a reversible change? Explain and give examples
4. What is an irreversible change? Explain and give examples
5. Big Question 1: Which biome would you like to live in and why?

Types of biome

Aquatic: Freshwater and saltwater.

Desert: Extremely dry areas.

Rainforest: Home to a variety of trees and other plants.

Tundra: Coldest biome and therefore has little plant and animal variety.

Forest: Tropical plants and animals and found in regions that are warm all year round.

Grassland: The majority of this biome is made up of a variety of grasses with very few trees.

Books and Reading:

- Northern Lights
- Atlases
- Variety of non-fiction books

'As a Learner'

As a Geographer: I will be able to research, locate and describe different climate zones and biomes.

As a scientist: I will be experimenting with a range of solids, liquids and gases to see how they are similar and how they change.

