

Exploring Earth's Biomes with Finn the Dolphin

Learning objective: To identify and describe the characteristics of different global biomes.

Read each flashcard to learn about the world's major biomes. Test your knowledge by covering the answer side and seeing if you can recall the definition.

What is a biome?

A large naturally occurring community of flora and fauna occupying a major habitat, such as a forest or desert.

Which biome is known for having very low temperatures, little precipitation, and a short growing season?

The Tundra.

Where would you find a Tropical Rainforest biome?

Near the Equator, where it is warm and wet all year round.

What are the two main characteristics that define a desert biome?

Very low rainfall and extreme temperature variations.

What is the main feature of a temperate deciduous forest?

Trees that shed their leaves annually in the autumn.

True or False: Grasslands are dominated by grasses rather than large shrubs or trees.

True.

Why is the climate important when defining a biome?

Climate (temperature and rainfall) determines which plants and animals can survive in that area.

What is an adaptation?

A special feature or behaviour that helps a plant or animal survive in its specific biome.

Which biome is Finn the Dolphin most associated with?

The Marine biome (oceans and seas).

How does latitude affect a biome?

Generally, areas closer to the Equator are warmer, while areas closer to the poles are colder.

What is the difference between an ecosystem and a biome?

An ecosystem is a specific local community, while a biome is a much larger global area with similar climate and life.

Why do plants in the desert often have thick, waxy leaves?

To help them store water and reduce the amount of water lost through evaporation.