

# Mapping the World's Biomes with Finn the Dolphin

*Learning objective: To identify and illustrate the distinctive characteristics of global biomes, demonstrating an understanding of climate and vegetation.*

Follow the drawing prompt to create your own biome map. Use the word bank to label your illustration accurately. Ensure your labels clearly show how the climate influences the plants and animals found in each area.

**Draw:** Create a large, colourful diagram of a globe or a world map. In three different sections of the map, draw representative scenes for a Tropical Rainforest, a Desert, and a Tundra. Use a detailed, scientific style. Include specific features: towering canopy trees in the rainforest, succulent cacti in the desert, and frozen, mossy ground in the tundra. Add small labels connecting to these features to explain their purpose.



*Label words: Equator · Tropical Rainforest · Tundra · Desert · Temperate Deciduous Forest · Grassland · Precipitation · Adaptation*

## Steps:

1. Label your drawing to show where the Equator is located. Explain why the biomes near the Equator tend to be warmer than those near the poles.
2. Choose one biome you have drawn. Describe two specific adaptations a plant or animal might need to

survive in that environment.

3. Compare and contrast the Tropical Rainforest and the Desert. How does the level of precipitation change the type of vegetation found in each?
4. Justify why a polar bear (if it were to travel) would struggle to survive in a Tropical Rainforest biome.
5. What might happen to the animals in a Tundra biome if the average global temperature were to increase significantly?
6. If you were to create a new, imaginary biome, what would its climate be like and what unique physical characteristics would the plants have to survive there?