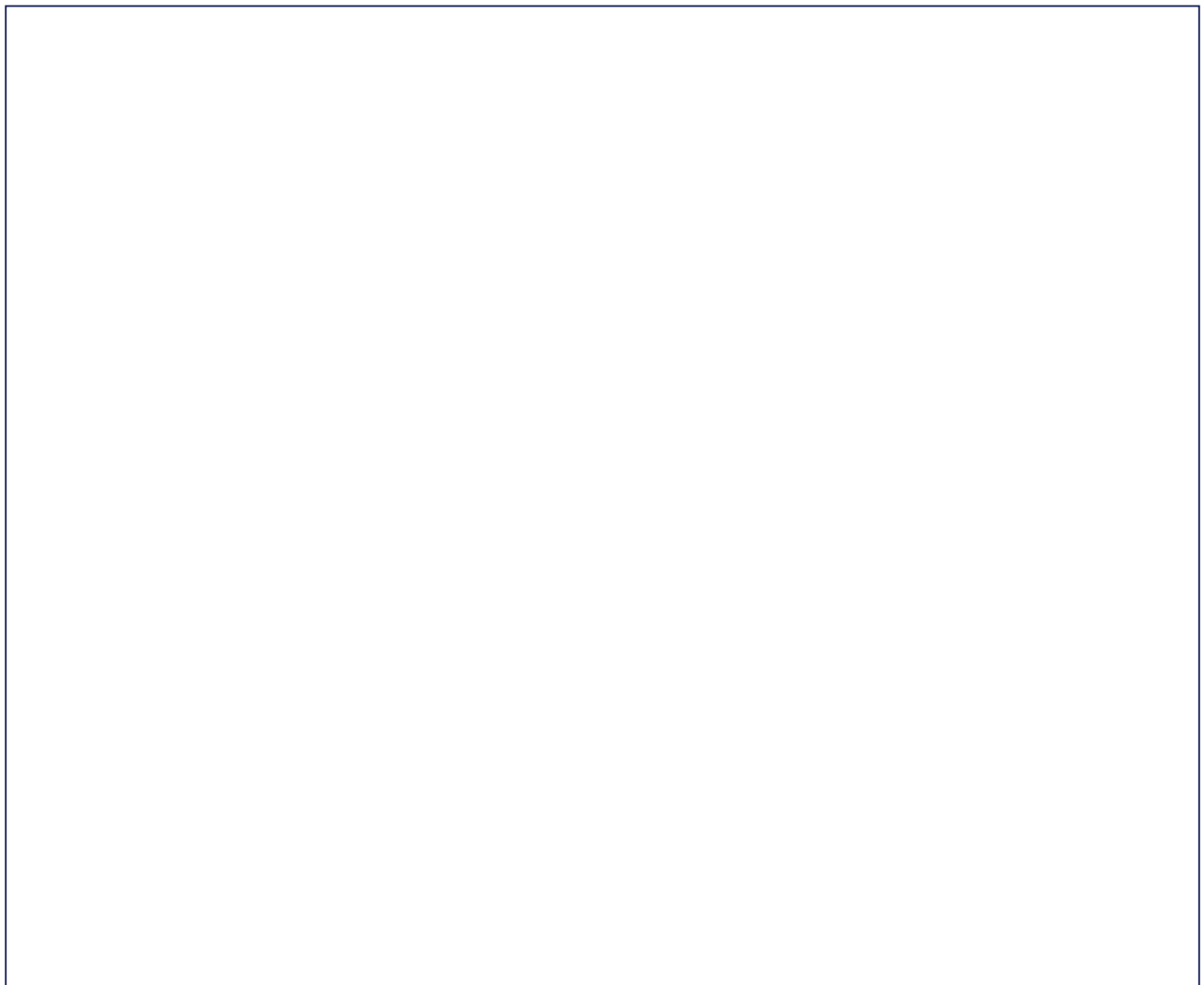


Finn's Global Climate Explorer

Learning objective: To identify and illustrate different climate zones across the world and understand the factors that influence them.

Help Finn the dolphin map out the world's climates! Use the word bank to label your drawing and ensure you show the distinct features of each climate zone.

Draw: Draw a large, simplified map of the world. Divide the map into clear horizontal bands representing the different climate zones. In the Tropical zone, draw lush rainforest trees and heavy rain clouds. In the Arid zone, draw sand dunes and a cactus. In the Polar zone, draw icebergs and snow-covered mountains. Use a vibrant colour palette to distinguish between hot and cold regions. Ensure the Equator is marked with a bold, dashed line.



Label words: Equator · Tropical Zone · Temperate Zone · Polar Zone · Arid/Desert · Atmosphere · Latitude

Steps:

1. Identify one key difference between the Polar Zone and the Tropical Zone. Explain why the temperature is so much lower near the poles.
2. Label the Equator on your map. Why does this region experience a tropical climate all year round?
3. Compare and contrast the vegetation you would find in an Arid zone versus a Temperate zone.
4. Justify your answer: Why do climate zones change as you move further away from the Equator towards

the North or South Pole?

5. What might happen to the animals living in the Polar Zone if global temperatures continue to rise? Provide a reasoned prediction.

6. Sketch a small compass rose in the corner of your drawing. Why is this a vital tool for geographers mapping climate zones?