

Exploring Global Climate Zones with Finn the Dolphin

Learning objective: To identify and illustrate the characteristics of different global climate zones, including the Equator, Tropics, and Polar regions.

Finn the Dolphin is mapping the world's climate zones. Use the drawing area below to create a diagram of the Earth. Follow the steps carefully to label the key climate areas and the features that make them unique.

Draw: Create a clear, scientific diagram of the Earth. Use a circular frame. Use coloured pencils to shade the zones: bright yellow/orange for the Tropical Zone near the Equator, green for the Temperate Zones, and light blue or white for the Polar Zones. Ensure your labels are clear and use a ruler for your lines.



Label words: Equator · Tropical Zone · Temperate Zone · Polar Zone · Arctic Circle · Antarctic Circle

Steps:

1. Step 1: Draw a large circle to represent the Earth. Draw a horizontal line through the middle and label it the 'Equator'. Why is this area generally warmer than the rest of the world?
2. Step 2: Draw a sun near the Equator. Label the regions north and south of the Equator as the 'Tropical Zone'. What kind of weather would you expect to find here?
3. Step 3: Draw a forest or a city in the 'Temperate Zone'. What are the four distinct seasons like in this climate?

4. Step 4: Draw icebergs at the very top and very bottom of your Earth circle. Label these the 'Polar Zones'. How does the distance from the Equator affect the temperature here?
5. Final Task: Choose one climate zone and draw a small animal that is well-adapted to live in that specific environment. Write the name of the animal below.