

# Finn's Weather and Climate Challenge!

*Learning objective: To understand the difference between weather and climate and identify different climate zones around the world.*

Finn the dolphin has travelled across the globe and noticed that the air and water change everywhere he goes! Help Finn complete his weather log by answering these 10 quick questions.

Answer Key:

1. B
2. False
3. Climate
4. A
5. True
6. Anemometer
7. C
8. Polar
9. True
10. Equator

*Word bank: Climate · Weather · Equator · Anemometer · Tropical · Polar*

## 1. What is 'weather'?

- A) The average temperature over many years
- B) The day-to-day conditions of the atmosphere\*
- C) The way the moon moves
- D) A type of cloud (1 mark)

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## 2. True or False: Weather and climate are exactly the same thing. (1 mark)

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## 3. What word describes the average weather patterns in a place over a long period of time? (1 mark)

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## 4. Which of these is a piece of equipment used to measure rain?

- A) Rain gauge\*
- B) Thermometer
- C) Compass
- D) Ruler (1 mark)

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## 5. True or False: The climate near the poles is generally very cold. (1 mark)

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## 6. Which tool is used to measure the speed of the wind? (1 mark)

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7. What is the climate like in a tropical rainforest?

- A) Cold and dry
- B) Freezing and snowy
- C) Hot and humid\* (1 mark)

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8. Which climate zone is found at the North and South Poles? (1 mark)

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9. True or False: A thermometer is used to measure temperature. (1 mark)

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10. What is the name of the imaginary line around the middle of the Earth where it is usually warmest? (1 mark)

**Draw:** Draw a picture of Finn the dolphin visiting two different climate zones: one where it is sunny and tropical, and one where it is icy and polar!



*Extension challenge: Can you write a short paragraph explaining why someone moving from the UK to a tropical climate would need to pack different clothes in their suitcase?*