

Latitude and Longitude

Chapter 2: Latitude and Longitude · Topic 1

Key Concept

Latitude lines run east-west, measuring distance north or south of the Equator (0°), up to 90° at the poles.

Longitude lines run north-south, measuring distance east or west of the Prime Meridian (0°), up to 180° .

Together, latitude and longitude coordinates pinpoint any exact location on Earth, essential for navigation and mapping.

Understanding this coordinate system helps us locate places accurately and understand time zones, which are based on longitude.

Quick Revision Notes

- Latitude lines run east-west.
- They measure distance from the Equator (0°) to 90° .
- Longitude lines run north-south.
- They measure distance from the Prime Meridian (0°) to 180° .
- Together they pinpoint exact locations.
- This is essential for navigation and mapping.
- Time zones are based on longitude.
- This coordinate system helps accurate location finding.

Practice Questions

- 1 Find the latitude and longitude of your city.
- 2 Discuss why the Equator is 0° latitude.
- 3 Discuss why the Prime Meridian is 0° longitude.
- 4 Explain how time zones relate to longitude.
- 5 Practice finding a location using coordinates on a map.
- 6 Draw a simple grid showing latitude and longitude lines.