

## GEOGRAPHY · GRADES 4–5

# Longitude and Latitude

How to find any place on Earth

## Two key terms

1

**Latitude**

Lines that run EAST–WEST around the Earth. Measured in degrees N or S of the EQUATOR.

*Example: Equator = 0°. North Pole = 90° N. South Pole = 90° S.*

2

**Longitude**

Lines that run NORTH–SOUTH from pole to pole. Measured in degrees E or W of the PRIME MERIDIAN.

*Example: Prime Meridian (through Greenwich, London) = 0°. Around the world is 360° in total.*

3

**Equator**

The imaginary line at 0° latitude, halfway between the poles.

*Example: Countries on the equator: Ecuador, Kenya, Indonesia.*

4

**Prime Meridian**

The imaginary line at 0° longitude, running through Greenwich, London.

*Example: Used as the reference for time zones — Greenwich Mean Time (GMT).*

## Use a map / globe to answer

1. What city is roughly at 51° N, 0°?
2. What country is at 0° (equator) and 100° E?
3. If you stood at 0° N, 0° W — where would you be?



4. Sydney is at about  $33^{\circ}$  S,  $151^{\circ}$  E. Is it north or south of the equator? East or west of London?
5. Tokyo is at about  $35^{\circ}$  N,  $139^{\circ}$  E. Quito is at  $0^{\circ}$ ,  $78^{\circ}$  W. Which is further from the equator?

