

4 **Learning Objective:** To study lines of longitude and latitude

**Success Criteria:**

1. To write a definition of lines of longitude and latitude
2. To locate cities according to their co-ordinates
3. To find co-ordinates for cities using an atlas

**Challenge:** To locate 2 other cities you have been to, using an atlas and co-ordinates

**Starter:** Show children an image of the globe with lines of longitude and longitude present. Ask children who knows what the lines are, what they mean and do. Take feedback.

**Main:** Explain to children what lines of Latitude and Longitude are – these lines help us to create co-ordinates to locate a place accurately. Latitude goes from east to west and longitude go from north to south. Children to write this definition in their books and add to glossary. Discuss other important lines of latitude as well as the Equator, the Tropic of Cancer, the Tropic of Capricorn, the Arctic Circle and the Antarctic Circle – although this is not the focus of today's lesson, but it is good to know.

Explain to children that we will be using the coordinates from the lines of longitude and latitude on the map to locate different countries across the world.

In pairs, children have a world map (with degrees) and pin point where the cities must be located according in their co-ordinates given on slide 9:

**Edinburgh - 55° 57 ' N 03° 17' W**

**Canberra - 35° 15' S 149° 8' E**

**Yamoussoukro - 6° 49' N 5° 17' W**

**Madrid - 40°25'N 03°45'W**

Children to look in atlases too but use the map provided to locate the countries in their books. Explain that they need to look in-between 50degrees and 60degrees to find 55, for example. Pick a few examples to run through as a class before they start. Encourage the children to locate other cities they've been to or heard of on their map, by using an atlas to find the coordinates.

BA: Support the children in locating the countries on the map provided

MA: Children to independently locate the countries on the map provided using the coordinates

HA: Children to independently locate the countries on the map provided using the coordinates and then locate other cities by using an atlas to find the coordinates, and then plotting on their map

**Plenary:** Children to check answers from their shared activity and teacher to model on board how to find the coordinated.

Add key vocab to glossary

Key vocab: longitude, latitude, equator, atlas, hemisphere

Geography Lesson 4 Year 6

