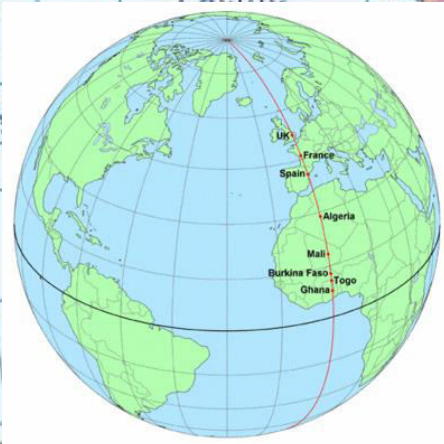
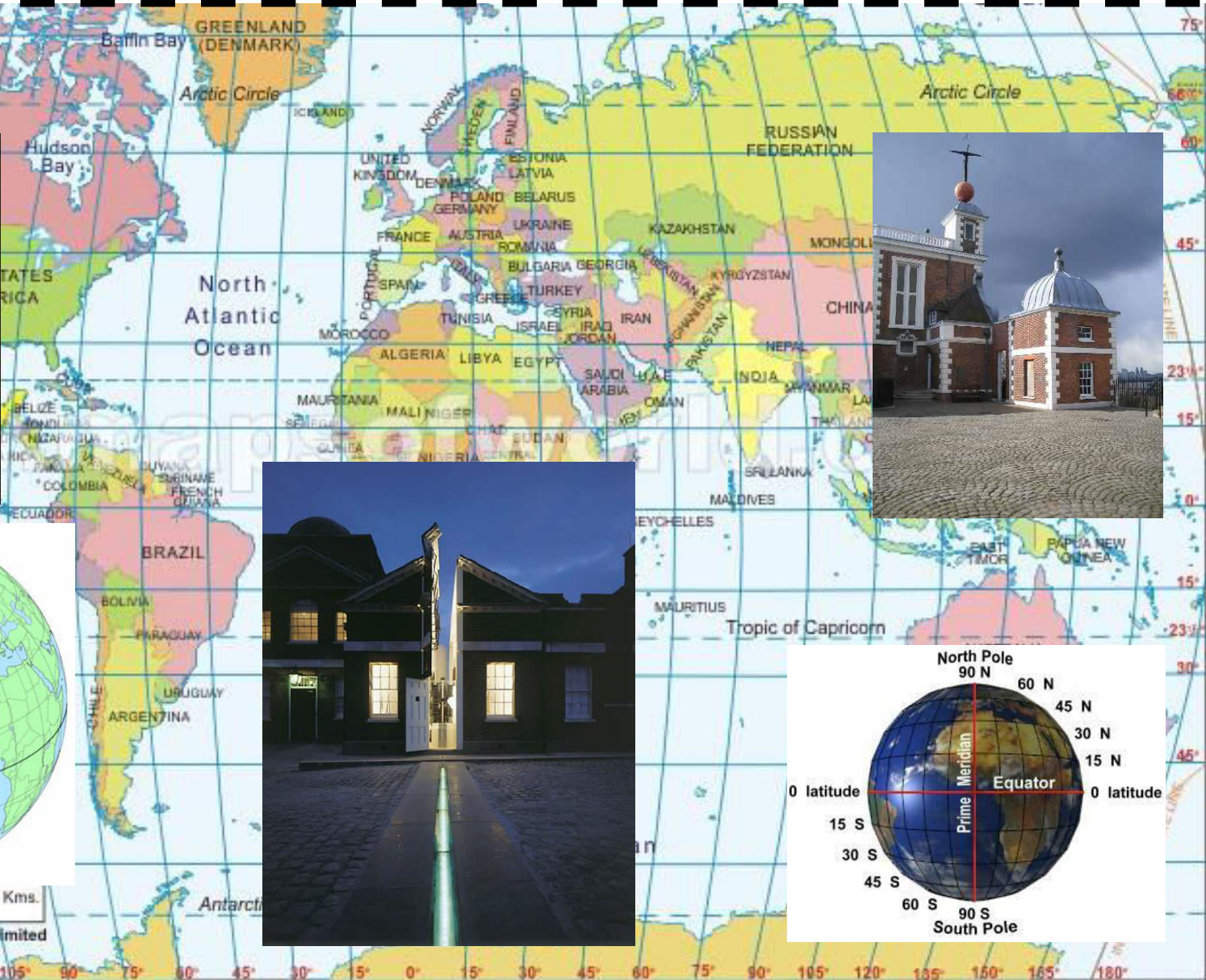
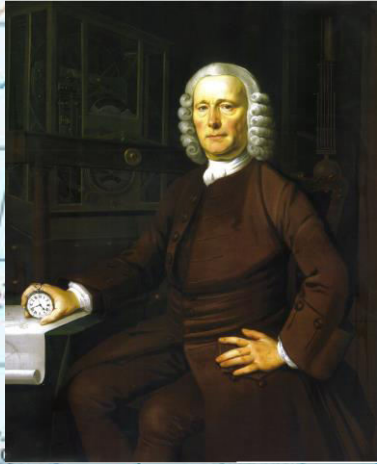
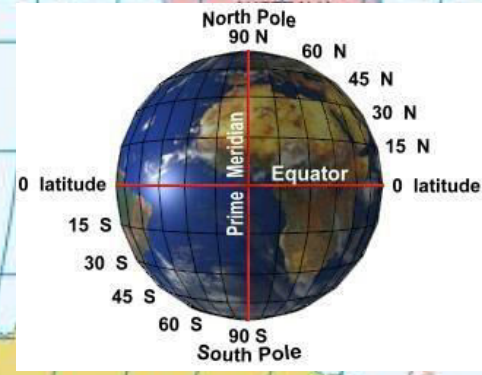


# Look at these pictures and try to work out WHAT we are learning about today

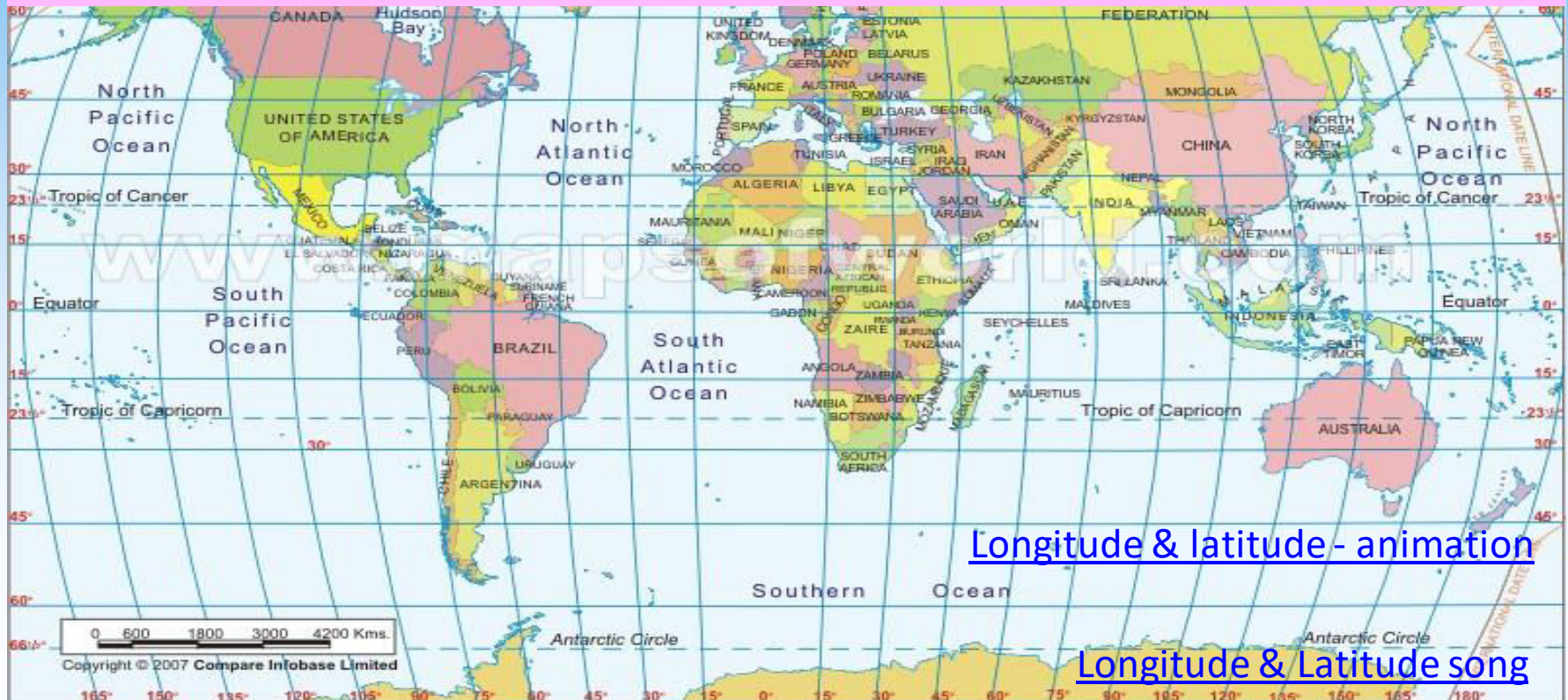


0 600 1800 3000 4200 Kms.  
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# Longitude & Latitude

WALT to understand what the lines of latitude and longitude are;  
WALT understand how they are used.



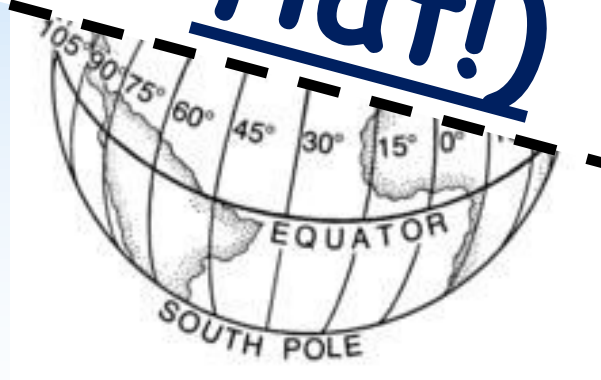
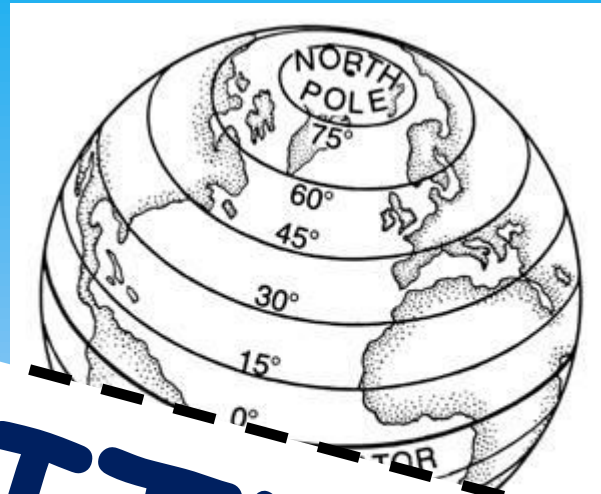
LATITUDE

Li  
th

FLATTITUDE  
(the lines are flat!)

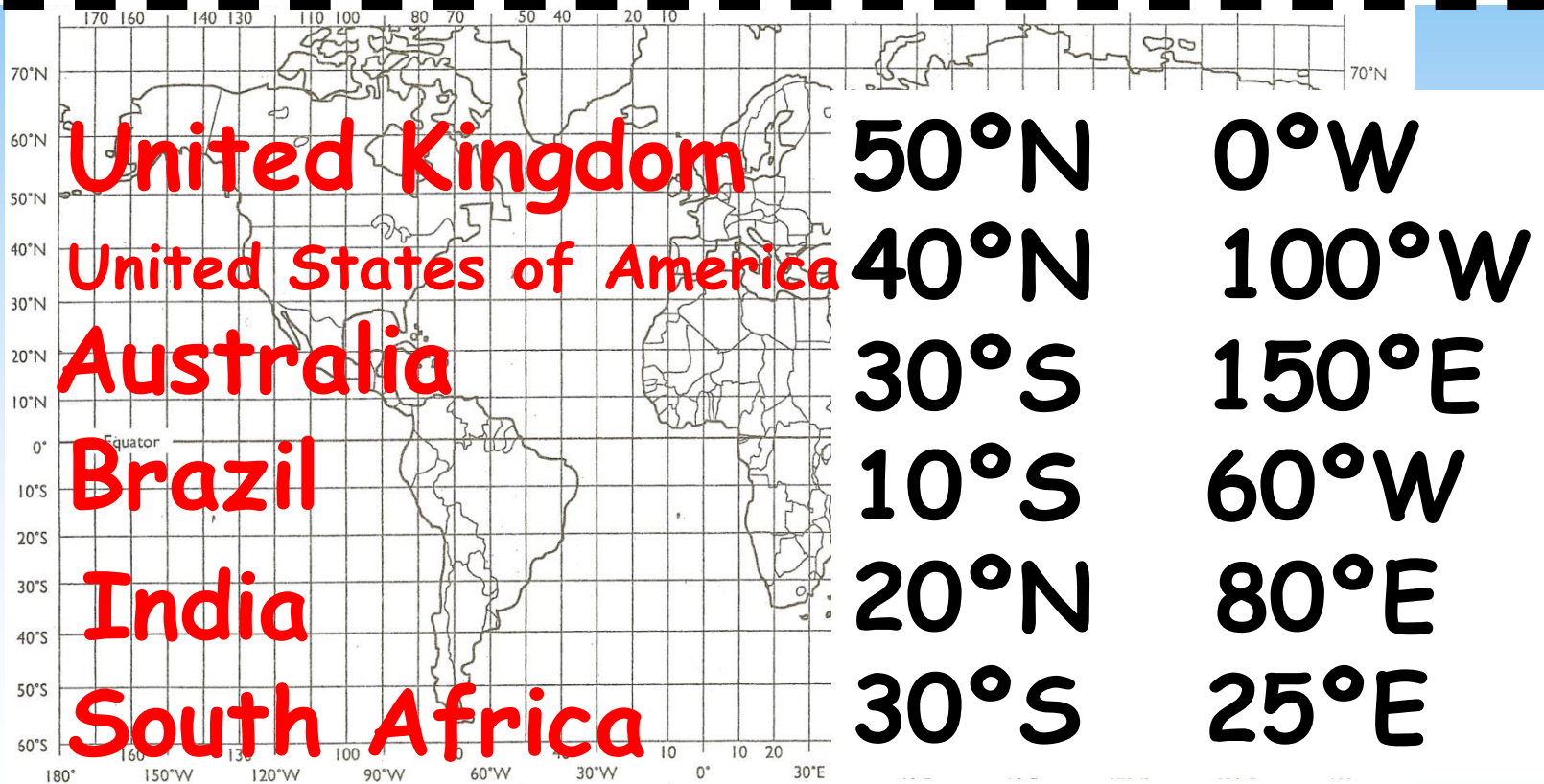
LONGITUDE

Lines Over  
the top of the  
earth!



## Task:

Use your blank map and the colour map (one between two) to find out where the latitude and longitude coordinates are pointing to. Mark the **coordinates** on your maps and, if you can identify them, the names of the countries they point to.



## Task:

Use the word bank at the bottom to help structure your answer. **THE WORDS ARE NOT IN THE RIGHT ORDER AND YOU DON'T NEED TO USE ALL OF THEM!**

“Explain what the lines of latitude and longitude are.”

### Success criteria for a perfect answer:

- Say what the lines are
- Say which one is which
- Say what the lines are used for

measure | divide | East and West | North and South  
| imaginary | position | location | latitude |  
| longitude | around | over | maps | globe | angular

"Explain what the lines of latitude and longitude are." -  
Here's a possible answer.

"Lines of latitude and longitude are imaginary lines that you see on maps. They divide the world up so you can give an exact location. Latitude lines run from East to West (like the equator), and tell you how far North and South you are, but longitude lines go from North to South (like the Greenwich Meridian) and tell you how far East or West you are. They measure the angular position in degrees."

LEVEL	
3M	Latitude and Longitude are lines that help you find things
3U	Latitude and Longitude are lines that help you find your position on the earth
4L	Lines of Latitude and Longitude are lines on the earth. Latitude is east to west, longitude is north to south. They can help you find places on the map
4M	The lines of latitude and longitude are imaginary lines that you see on maps. Latitude lines go from east to west, but longitude lines go from north to south. They can help you find things
4U	The lines of latitude and longitude are imaginary lines that you see on maps. Latitude lines go from east to west, and tell you how far north and south you are, but longitude lines go from north to south and tell you how far east or west you are. They show the angular position on the earth.
5L	The lines of latitude and longitude are imaginary lines that you see on maps. They divide the world up so you can give an exact location. Latitude lines run from east to west (like the equator), and tell you how far north and south you are, but longitude lines go from north to south (like the Greenwich Meridian) and tell you how far east or west you are. They measure the angular position in degrees.

"Explain what the lines of longitude and latitude are."

Success criteria for a perfect answer:

- Say what the lines are
- Say which one is which
- Say what the lines are used for.

After the task:

Check your partner's work against the mark scheme.

Which of the answers is it closest to?

Which one matches it?

Write 'PM' below their work. Write neatly in green pen something from the mark scheme that they have missed and could improve their answer.

## Extension questions:

Answer these questions:

1. If you are at a "high latitude", what might the temperature be like? Why is this?
2. If you are at a "low latitude", what might the temperature be like?" Why is this?

