



**Y7 Golden Thread:**  
How does Geography give us a sense of place?

## KS3 Geography - Y7: Global Explorer Knowledge Organiser



Here are some key words from this topic. Can you add anymore?



### The Big Picture

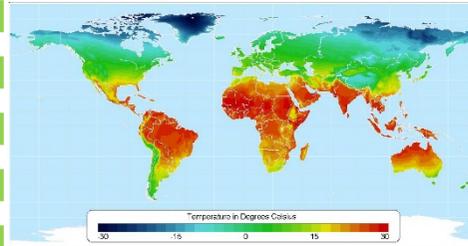
- What's on Earth? 
- What is the climate like in Asia and Africa?
- What kind of ecosystems can be found in Africa and Asia? 
- Are Asia and Africa the same or different?
- What are megacities? 
- Where could I explore?
- What resources do Asia and Africa have? 
- How are Asia and Africa linked to Britain?

Tropical climates are found on the equator and between the Tropics of Cancer and Capricorn. Here the sun is shining directly overhead all year round, so the heat energy from the sun is concentrated here. This makes the climate hot all year round.

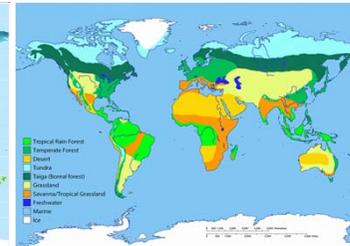
Tropical climates are also wet. This is because the heat from the sun causes water to evaporate and form large rain clouds, so it rains heavily here frequently (perhaps every day).

the further away from the equator you go, higher lines of latitude, the colder the climate gets. This is because, due to the curvature of the earth, the energy from the sun is spread over a larger surface area, making it colder. Climates are drier where there is sinking air, meaning fewer rain clouds are formed.

Average Annual Temperature



World Biomes



Due to so many people living in a megacity, they have particular features, such as lots of businesses and shops, lots of high-rise buildings where people live and work, and lots of pollution. They may also be recognisable due to unique architecture or famous landmarks and buildings.



There are 34 megacities in the world today, Asia has 16 and Africa has 7, however, the number of megacities in Africa is expected to grow in the future.

**What resource is found in Russia?** Gas  
**Where is it found in the country?** Mostly towards the west of the country

**What is it worth?** Gas exports are worth around \$350billion to Russia each year.

**Who buys it?** Russia's natural gas is sent through a pipe to countries all over Europe. Germany and Ukraine take the most gas, but some countries, such as Finland, get 100% of their gas from Russia.



**What resource is found in Nigeria?** Oil

**Where is it found in the country?** On the coast, in the south of the country, in the Niger Delta.

**What is it worth?** Oil provides Nigeria with 98% of its earnings from exports. It earns around \$32.5bill from selling oil. The oil industry employs tens of thousands of people in Nigeria.

**Who buys it?** USA used to buy most of Nigeria's oil, but now, other NEEs (Newly Emerging Economies) such as India, China and South Korea buy most of Nigeria's oil, which they use in their factories and industry.



continent (n)	the world's main continuous expanses of land.
megacity (n)	a very large city, with a population of over ten million people.
climate (n)	the average weather conditions over a long period of time (around 40 years)
latitude (n)	the angular distance of a place north or south of the earth's equator,
resource (n)	any physical material constituting part of Earth that people need and value
Development (n)	the process of growth, or changing from one condition to another. In economics, development is change from a traditional economy to one based on technology.

**CEIAG Link:** For this topic we can make links to a variety of professions:

- Cartographer
- GIS Officer
- Politician
- Statistician
- Economics Consulting
- Investment Analyst



**If you are interested in the above careers, don't forget you can do some research and speak to Mrs Ackroyd.**