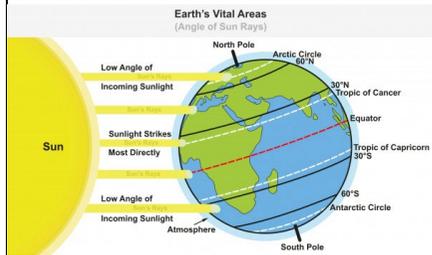


Geography Year 5 forces

<p>National Curriculum Objectives:</p> <ul style="list-style-type: none"> Locate the world's countries, using maps to focus on Europe (including the location of Russia) and North and South America, concentrating on their environmental regions, key physical and human characteristics, countries, and major cities. Identify the position and significance of latitude, longitude, Equator, Northern Hemisphere, Southern Hemisphere, the Tropics of Cancer and Capricorn, Arctic and Antarctic Circle, the Prime/Greenwich Meridian and time zones. 			<p>Prior Objectives:</p> <ul style="list-style-type: none"> Identify the position and significance of latitude, longitude, equator, northern hemisphere, southern hemisphere, the prime/Greenwich meridian and time zones (including day and night) 		
<p>Lesson 1</p>  Skill - Identify.	<p>Lesson 2</p>  Skill - Identify.	<p>Lesson 3</p>  Skill - Locate	<p>Lesson 4</p>  Skill - Locate.	<p>Lesson 5</p>  Skill - Locate.	<p>Lesson 6</p>  Skill -
<p> Knowledge - The equator and the tropics are latitudinal lines across the Earth</p>	<p> Knowledge - Time zones all relate to the Greenwich line which travels through London.</p>	<p> Knowledge : Disneyland is in North America.</p>	<p> Knowledge: Beto Carrero World is found in Southern American in Brazil.</p>	<p> Knowledge: Europa Park if found in Germany in Europe.</p>	<p> Knowledge -</p>
<p><u>WALT: Identify markings on a map.</u></p> <p>WILF: Identify and explain the equator. Identify and explain the tropics of Cancer and Capricorn. Explain the climate and environmental features of these places.</p> <p>Lesson: Introduce children to the 'equator' they should have prior knowledge of this from year 3. What is it like to live on the equator? Identify some countries that live on the equator. What is the climate like? What type of biomes are found on the equator? Once they understand the equator explain that there are more latitude lines across the Earth, we have the tropics of Cancer and Capricorn and the Arctic and Antarctic Circles.</p> <p><i>These lines are called meridian lines and they're completely imaginary! People invented these lines to help locate places on the</i></p>	<p><u>WALT: Identify and understand the markings on a map.</u></p> <p>WILF: Identify the hemispheres. Identify the Prime/Greenwich Meridian. Identify the time in these countries</p> <p>Lesson: Recap yesterday knowledge. Today we are going to be looking at the Hemispheres, children should understand this easily. Anything North of the equator is the Northern Hemisphere and everything South of the equator is the Southern hemisphere. Quick fire questions where children have to identify which hemisphere a country or continent would be found in. You can add some questions on what was discussed the previous lesson. We also have some longitudinal (Up and down) lines on the Earth. Greenwich meridian, imaginary line used to indicate 0° longitude that passes through Greenwich, a borough of London, and terminates at the North and South poles. The Greenwich meridian also serves as the basis for the world's standard time zone system.</p>	<p><u>WALT: Disneyland</u></p> <p>WILF: Locate the Amusement park. Explain where it is located using specific terminology. Look at the human and physical geography of the area.</p> <p>Lesson: Over the next lesson the children will be using all the terminology they have learnt to look at amusement parts across the world.</p> <p>Start children off by letting them discover where Disney Land can be found. What continent? What hemisphere? Is it near any tropics? What is the time zone. The children need to answer these as well as looking at the environment of the region.</p>	<p><u>WALT: Beto Carrero World</u></p> <p>WILF: Locate the Amusement park. Explain where it is located using specific terminology. Look at the human and physical geography of the area.</p> <p>Lesson: Over the next lesson the children will be using all the terminology they have learnt to look at amusement parts across the world.</p> <p>Start children off by letting them discover where Disney Land can be found. What continent? What hemisphere? Is it near any tropics? What is the time zone. The children</p>	<p><u>WALT: Europa-Park</u></p> <p>WILF: Locate the Amusement park. Explain where it is located using specific terminology. Look at the human and physical geography of the area.</p> <p>Lesson: Over the next lesson the children will be using all the terminology they have learnt to look at amusement parts across the world.</p> <p>Start children off by letting them discover where Disney Land can be found. What continent? What hemisphere? Is it near any tropics? What is the time zone. The</p>	<p><u>WALT:</u></p> <p>WILF:</p> <p>Lesson:</p> <p>Recording:</p>

planet. The lines that go from side to side are called latitude lines. The lines that go from top to bottom are called longitude lines.



Children will identify some countries that are found in the Tropics and explain the vegetation and biomes found there.

Recording:
Research lesson on countries.
Poster?
Fact files.

<https://www.bbc.co.uk/bitesize/topics/zvsfr82/articles/zd4rmfr>
<https://www.bbc.co.uk/bitesize/topics/zvsfr82/articles/zjk46v4>

Children to look at countries in the northern and southern hemispheres and find out the difference in time compared with the UK are they ahead or behind us?

Recording:
QR codes about countries.
Posters.

Recording:

need to answer these as well as looking at the environment of the region.

Recording:

children need to answer these as well as looking at the environment of the region.

Recording:

Assessment:

Key Vocabulary: Region, latitude, longitude, Equator, Northern Hemisphere, Southern Hemisphere, the Tropics of Cancer and Capricorn, Arctic and Antarctic Circle

Year 5: Forces

What should I already know?

Geography- the study of the physical features of the Earth and human impact on the environment.

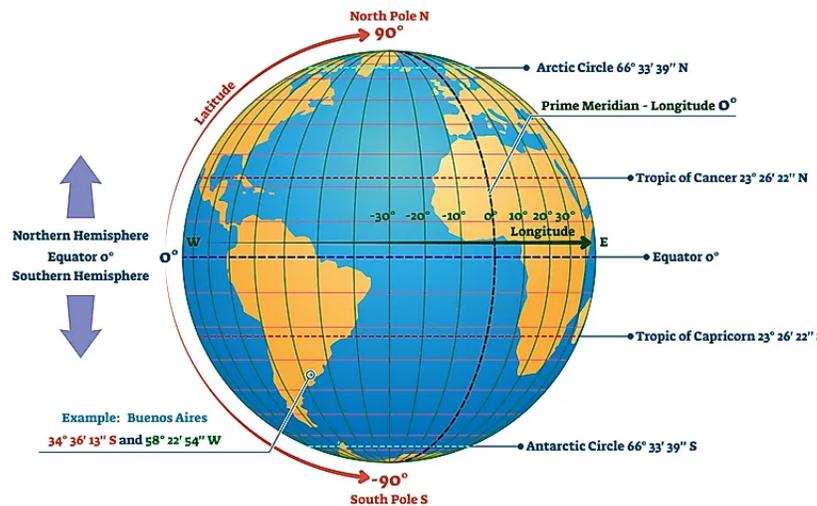
N/C -Identify the position and significance of latitude, longitude, equator, northern hemisphere, southern hemisphere, the prime/Greenwich meridian and time zones (including day and night)

Significant dates, people and places

The equator is in the middle of the Earth with the tropic of Cancer above and Capricorn below it.

The Greenwich line runs longitudinally around the Earth.

Powerful knowledge



Disneyland is located in North America.

Brazil holds the biggest Amusement park in South America.

Europe's biggest amusement park is located in Germany.

Interesting facts: Only 20% of population live below the equator. There are more countries in northern hemisphere than southern hemisphere which gives the area north of the equator a head start in human count. But what really gives the north an edge over south are the highly populated countries like China, India, and USA which all lie in northern hemisphere.

Glossary/Key Events

<i>Region</i>	an area, especially part of a country or the world having definable characteristics but not always fixed boundaries.
<i>Latitude</i>	the angular distance of a place north or south of the earth's equator
<i>Longitude</i>	the angular distance of a place east or west of the Greenwich meridian
<i>Equator</i>	a line notionally drawn on the earth equidistant from the poles, dividing the earth into northern and southern hemispheres
<i>Northern Hemisphere</i>	North of the equator
<i>Southern Hemisphere</i>	South of the equator
<i>Tropics of Cancer</i>	the most northerly circle of latitude on Earth at which the Sun can be directly overhead
<i>Tropics of Capricorn</i>	the most southernly circle of latitude on Earth at which the Sun can be directly overhead
<i>Arctic Circle</i>	one of the two polar circles and the most northerly of the five major circles of latitude as shown on maps of Earth
<i>Antarctic Circle</i>	one of the two polar circles and the most southernly of the five major circles of latitude as shown on maps of Earth