

### A Midsummer Night's

#### Continents of the World



The 7 continents of the world are Europe, North America, South America, Asia, Africa, Australasia, Antarctica.

The 5 oceans of the world are Pacific Ocean, Atlantic Ocean, Indian Ocean, Southern Ocean, Arctic Ocean.

Some countries in each continent. For example:

Europe - Spain, France, Portugal, Italy  
North America - USA, Canada, Mexico  
South America - Brazil, Argentina, Chile  
Asia - Japan, China, Thailand  
Africa - South Africa, Morocco, Kenya  
Australasia - Australia, New Zealand

#### DESCRIBING LOCATION

Remember when describing the location or distribution of something use 'CCCS'

C - Continent  
C - Country  
C - Compass point  
S - Seas and oceans



#### Key Vocabulary

William Shakespeare  
Love  
Magic  
Dreams  
Jealousy  
Legacy  
Period  
Longitude  
Latitude  
Equator  
Continents  
Greece  
Mediterranean  
Athens

#### Science Key Facts

##### Materials

- Materials can be grouped together according to their properties, including their hardness, solubility, transparency, conductivity (electrical and thermal), and response to magnets.

##### Earth and Space

- The Sun, Earth and Moon are spherical bodies.
- The Earth rotates which causes day and night.

#### Mathematical Concepts

Interpret negative numbers in context.

Round any number up to 1 million to the nearest 10, 100, 1000, 10 000 and 100 000.

Add and subtract whole numbers with more than four digits using formal written methods.

Identify multiples and factors, including finding factor pairs. Use long multiplication for multiplying TU by TU and HTU by TU.

Divide numbers up to 4 digits by a one-digit using standard written short division.

Solve multistep problems involving all four operations.

Compare and order fractions whose denominators are multiples of the same number.

Convert between mixed numbers and improper fractions.

Add and subtract fractions with denominators that are multiples of the same number.

Read and write decimal numbers as fractions.

Round decimals with two decimal places to the nearest whole number.

Solve problems involving numbers up to three decimal places.

Recognise % symbol and explain as a fraction.

Convert between different units of metric measures.

Measure and calculate the perimeter of composite rectilinear shapes.

Estimate volume and capacity.

Calculate the area of rectangles, and estimate the area of irregular shapes.

Understand and use common approximate conversions between metric and imperial.

## Longitude and Latitude

Latitude and longitude are a system of lines that are used to describe the location of any place on Earth.

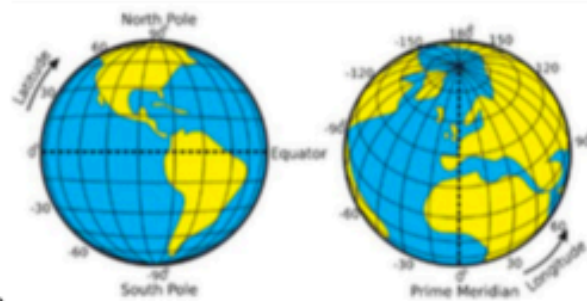
### Latitude






-Lines of latitude run in an east-west direction across the Earth.

### Longitude

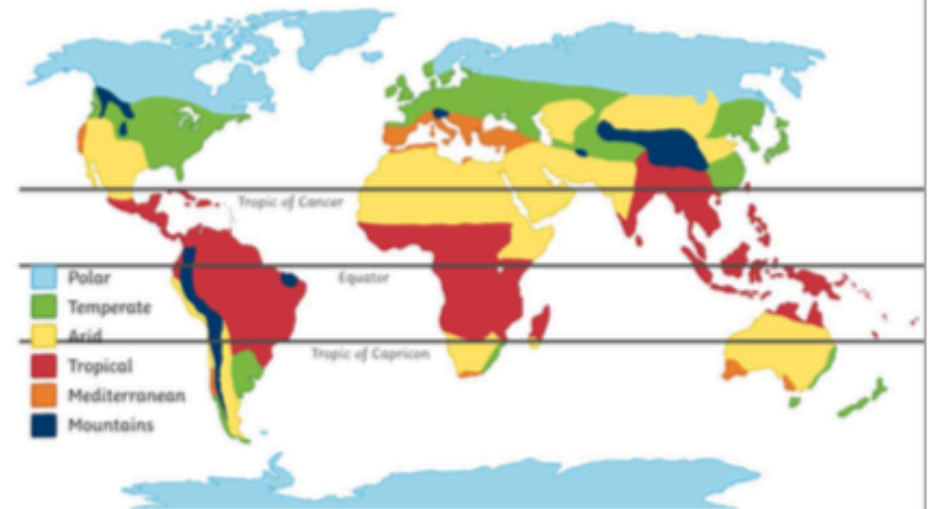
-Lines of longitude run in a north-south direction.




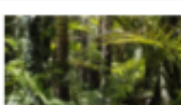
Although lines of longitude and latitude are only imaginary, they exist on maps and atlases to help to show us where different places are.



<b>Equator</b>		<ul style="list-style-type: none"> <li>-The Equator is an imaginary line of latitude which circles the Earth. It lies halfway between the North/ South Poles.</li> <li>-It splits Earth into the Northern/ Southern Hemispheres. The distance around the Equator is about 24,900 miles.</li> </ul>
<b>Tropic of Cancer</b>		<ul style="list-style-type: none"> <li>-The Tropic of Cancer is an imaginary line of latitude which circles the Earth. It lies at 23 degrees north (23°N).</li> </ul>
<b>Tropic of Capricorn</b>		<ul style="list-style-type: none"> <li>-The Tropic of Capricorn is an imaginary line of latitude which circles the Earth. It lies at 23 degrees south (23°S).</li> </ul>
<b>Northern Hemisphere</b>		<ul style="list-style-type: none"> <li>-The Northern Hemisphere is the section of the Earth that is north of the Equator.</li> <li>-About 68% of land is in the Northern Hemisphere.</li> <li>-Countries include the UK, USA, and Russia.</li> </ul>
<b>Southern Hemisphere</b>		<ul style="list-style-type: none"> <li>-The Southern Hemisphere is the section of the Earth that is south of the Equator.</li> <li>-Only About 32% of land is in the Southern Hemisphere.</li> <li>-Countries include Brazil, Australia, and New Zealand.</li> </ul>

## World Climate Zones



<b>Climate Zones</b>	The weather changes in different parts of the world. Where there are similar weather patterns this is known as a climate.	
<b>Polar</b>	Polar climates have temperatures which are usually below freezing and can reach -60°C in winter. Polar areas are usually covered by snow and ice throughout the year.	
<b>Temperate</b>	Temperate climates vary greatly at different times of year, with four distinct seasons.	
<b>Arid</b>	Arid climates lack natural water sources, with little rainfall. They are very dry and hot.	
<b>Tropical</b>	Tropical climates have high temperature rainfall and humidity all year. Some areas may have a wet and dry season.	
<b>Mediterranean</b>	Mediterranean climates have long, warm, dry summers and wet winters.	