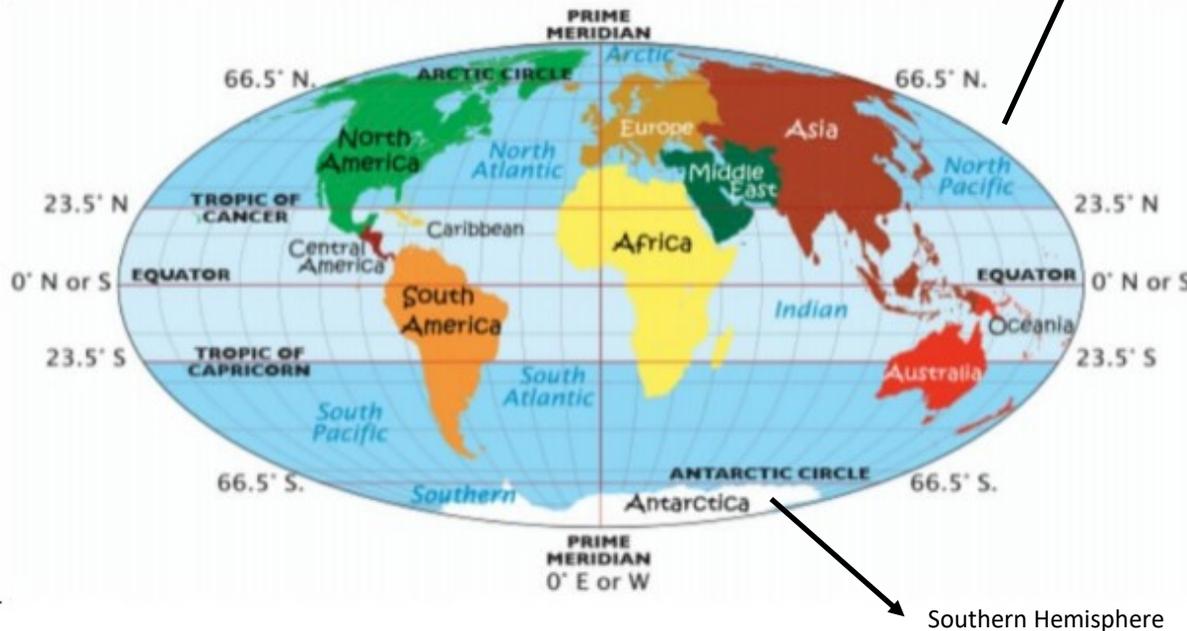




What should I already know?

- The seven **continents** and five **oceans**
- There are different **climate zones** (e.g. polar regions)
- **Human** and **physical geographical** features in different countries, cities and towns.



Vocabulary

Arctic circle	imaginary line drawn around the northern part of the world at approximately 66° North. Arctic winters are long and cold while summers are short and cool
climate	the general weather conditions that are typical of it
climate zone	sections of the Earth that are divided according to the climate. There are three main climate zones; polar, temperate and tropical.
continent	a very large area of land that consists of many countries. Europe is a continent .
degrees	a unit of measurement that is used to measure angles
equator	an imaginary line around the middle of the Earth at an equal distance from the North Pole and the South Pole.
human geography	features of land that have been impacted by human activity
humid	a climate that is very hot and damp
Greenwich	borough of Greater London, England, located on the prime meridian
latitude	latitude of a place is its distance from the equator
longitude	a place is its distance to the west or east of a line passing through Greenwich.
Northern Hemisphere	that half of the globe lying north of the equator
ocean	one of the five very large areas of salt water on the Earth's surface.
physical geography	natural features of land
prime meridian	prime meridian is the line of longitude, corresponding to zero degrees and passing through Greenwich, England, from which all the other lines of longitude are calculated.
Southern Hemisphere	that half of the globe lying south of the equator
time zone	one of the areas into which the world is divided where the time is calculated as being a particular number of hours behind or ahead of GMT (Greenwich Mean Time)
tropics	parts of the world that lie between two lines of latitude , the Tropic of Cancer, 23½° north of the equator , and the Tropic of Capricorn, 23½° south of the equator . The tropics have a humid climate, where the weather is hot and damp.

Geographical Skills and Fieldwork

- Use an atlas, maps and globes to locate which countries lie on certain points of the Earth.
- Use the eight points of a compass to describe the locations of countries in relation to one another.
- Compare **climate zones** and discuss how these are dependant on their location on Earth .
- Use Google Earth to locate countries using coordinates of **longitude** and **latitude**.
- Use lines of **longitude** of **latitude** to locate major cities around the world.
- Approximate coordinates of other major cities around the world using a world map and knowledge of **longitude** and **latitude**.
- Locate two different places; describe their locations using key vocabulary, their **human** and **physical geographical** features, their **climate** (and how their location on Earth affects this), and describe their similarities and differences. Which do you prefer and why?
- Research the average temperature or rainfall at different lines of **latitude** and plot these in a graph. Is there a pattern?

Wells Hall Primary School - Geography

Topic: Features of Navigation

Phase: KS2

Strand: Locational Knowledge/ Human and Physical Geography

Question 1: The equator can be found at ...	Start of unit:	End of unit:
0° degrees longitude		
0° degrees latitude		
on the prime meridian		
in Antarctica		

Question 5: The Arctic circle has...	Start of unit:	End of unit:
long summers and short winters		
long winters and short summers		
winter lasts the same amount of time as summer		

Question 8: I can use ____ to help me locate places on Earth	Start of unit:	End of unit:
an atlas		
a map		
a globe		
all of the above		

Question 2: Australia can be found...	Start of unit:	End of unit:
in the Southern hemisphere		
in the Northern hemisphere		
on the equator		
in the Arctic circle		

Question 6: The earth is divided into two ____ . These are separated by the equator.	Start of unit:	End of unit:
time zones		
climates		
hemispheres		
continents		

Question 9: A compass will help me navigate because it will point	Start of unit:	End of unit:
north		
south		
east		
west		

Question 3: The two tropics are the Tropics of...	Start of unit:	End of unit:
hemisphere		
Cancer		
Capricorn		
equator		

Question 7: The name of the line at 0° degrees longitude is also known as...	Start of unit:	End of unit:
the equator		
prime meridian		
a hemisphere		
latitude		

Question 10: The Pacific, Atlantic and Indian are all examples of...	Start of unit:	End of unit:
seas		
tropics		
countries		
oceans		

Question 4: The climate at the equator is usually...	Start of unit:	End of unit:
hot, humid and damp		
cool, wet and damp		
cold, snowy and windy		
sometimes hot, sometimes cold		