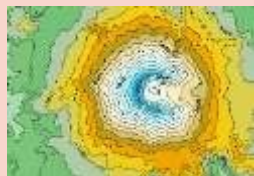


Key Words	
Physical Geography	The study of the natural parts of our planet.
Human Geography	The study of the man-made parts of our planet.
Grid References	The co-ordinates we use on maps to locate parts. This can be done in 4 or 6 figure.
Scale	When a distance on a map can be used to calculate a distance in real life.
Compass directions	The directions on a map – north, east, south and west are the main 4.
Symbols	The simplified pictures we use on maps to represent places.
Relief	This refers to the shape of the land. EG. Hilly or flat.

Relief on maps

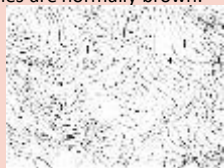
Density / colour shading	Land is shaded in different colours to represent a change in height.
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Spot Heights	A black dot with a number next to it represents the height of a single point.
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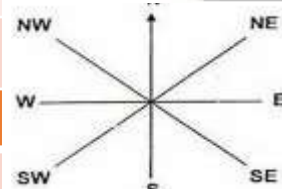


Contour Lines	Areas of the same height are joined up with a line. On OS maps these lines are normally brown.
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The Continents

The land is split up into 7 main pieces. These are the continents. They are made up of several smaller countries.



Compass Directions

There are 4 prime compass directions. A compass can go up to 18 points.
In Geography we most commonly use the 8 point compass.



Year 7: Unit 1 Fantastic Places & Map Skills

Symbols

When using a map, there is always a key to show you what symbols mean, however, it is useful to learn a few basic symbols to save time.



Scale

All OS maps are drawn to scale. There are 2 types of OS map where 1cm on the map is equal to 25 000cm in real life. To simplify this, it equates to **4cm=1km**.

- 1:50 000 where 1cm on the map is equal to 50 000cm in real life. To simplify this, it equates to **2cm=1km**.

Therefore in order to calculate the real life distance, you would measure in cm and divide by 4 for the 1:25 000 map and divide by 2 for the 1:50 000 map.
The scale can be easily found by measuring the scale bar that looks like this:



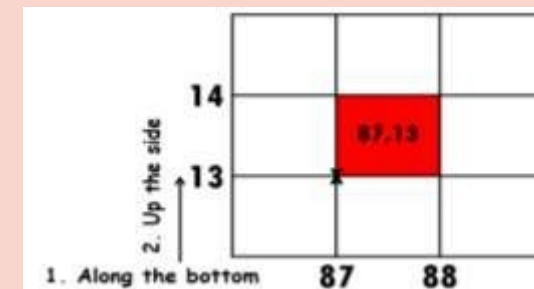
The UK

The UK is made up of 4 main countries – England, Wales, Scotland and Northern Ireland. Some of the main cities are shown below.



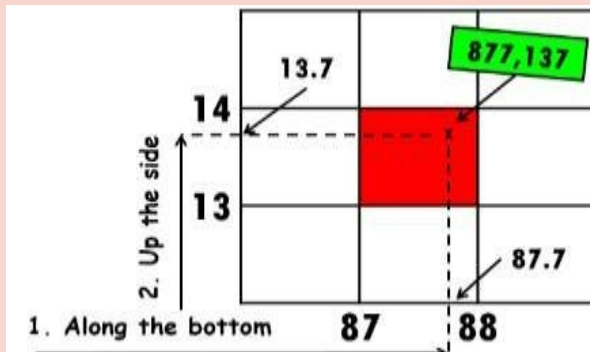
4-figure Grid References

Each line is allocated a number. In order to find out the grid reference of a particular square, we must always look in **the bottom left hand corner** of that square.



6-figure Grid References

A 6 figure grid reference adds an extra number after each reference to tell you exactly where in 87,13 the place you are searching for is. (ie. 87_,13_).



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RIO DE JANEIRO

CONTINENT	SOUTH AMERICA
COUNTRY	BRAZIL
KEY FACTS	- It is home to one of the 7 wonders of the world – Christ the Redeemer. - It has a large favela called Rochina where the poorest people live – it is run by drug gangs. - It is a unique city with mountains placed throughout the city. - It has a large rich poor divide with some parts of Rio being very wealthy.



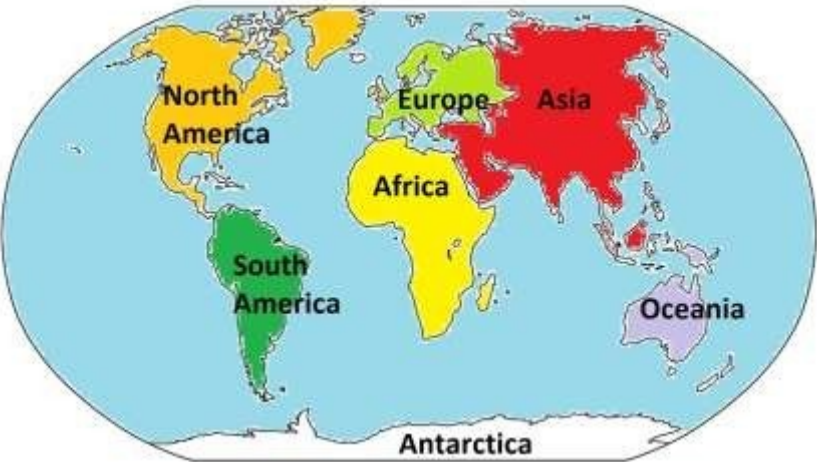
ANTARCTICA

CONTINENT	ANTARCTICA
COUNTRY	N/A
KEY FACTS	- No one owns Antarctica or lives on Antarctica. - It is a very hostile environment and spends 6 months of the year in total darkness. - Animals such as penguins have adapted to live in Antarctica and live there all year round. - Temperatures can drop as low as -89°C.



MOUNT ST HELENS

CONTINENT	NORTH AMERICA
COUNTRY	USA
KEY FACTS	- Erupted laterally decreasing its height by over 500m. 57 people died in the eruption in 1980. - It is now a tourist destination attracting thousands of people. - Although at the time everything was destroyed it is recovering now.



VICTORIA FALLS

CONTINENT	AFRICA
COUNTRY	ZAMBIA / ZIMBABWE
KEY FACTS	- The waterfall forms the border of Zambia and Zimbabwe. - It has formed where a layer of hard rock is sat on a layer of soft rock which has caused differential erosion. - It has Devil's Pool at the top of it where brave tourists can swim at certain times of the year. - There is also a massive bungee swing in the gorge of the waterfall.



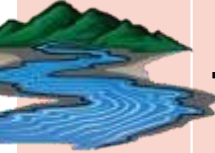
SNOWDONIA

CONTINENT	EUROPE
COUNTRY	WALES, UK
KEY FACTS	- It is a National Park therefore it is protected due to its natural beauty. - It was the third place to be made a National Park. - It has Europe's largest zip line. Tourism brings in lots of money to the area - It has the highest mountain in Wales – Mount Snowdon.



RIVER GANGES

CONTINENT	ASIA
COUNTRY	INDIA
KEY FACTS	- In the Hindu faith it is considered sacred and to have healing powers. - People take Pilgrimage to the River Ganges every year to celebrate this. - However, the River Ganges is also very polluted due to faeces and toxic waste from factories being washed into the river daily. - Millions of people depend on the Ganges for survival.



THE GREAT BARRIER REEF

CONTINENT	OCEANIA
COUNTRY	AUSTRALIA
KEY FACTS	- It is an important ecosystem due to the huge diversity of plants and animals that live there. - It is at risk of coral bleaching as the ocean temperatures warm up. - It is very popular for tourism and attracts millions each year for snorkelling. - However, it is important for tourism as it brings it lots of money.

