

Atlas Addicts

World Map work and countries and major cities of the UK

Key vocabulary

continent: A very large area of land that includes all the islands with it. There are seven continents: Africa, Antarctica, Australasia, Asia, Europe, North America and South America.

country: a nation with its own government, occupying a particular territory.

Compass: A piece of equipment that tells you what direction you are travelling in. The main compass points are north, south, east and west.

co-ordinate: A set of numbers and/or letters that show you a specific position on a map.

Latitude: The imaginary lines running horizontally around the globe. Made up of the *Equator*, *Tropic of Capricorn* and *Tropic of Cancer*

Longitude: The imaginary lines running vertically around the globe, the central one running through London is called the *Greenwich Meridian*

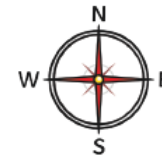
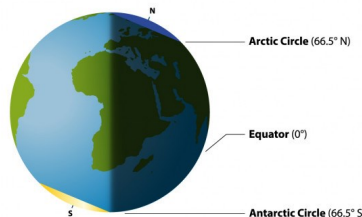
Ordnance Survey: A survey organisation in the UK which prepares very detailed maps of the country.

United Kingdom: The island nation in northwest Europe made up of England, Scotland, Wales and Northern Island.

The Arctic and Antarctic Circle

The **Arctic Circle** is a line of latitude located at the top of the globe at 66° North. The Arctic Circle is made up of the Arctic Ocean and the North Pole., Parts of Russia, Canada, Alaska (USA), Iceland, Finland, Sweden, Norway and Greenland can be found within the Arctic circle

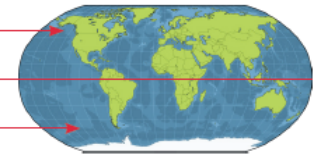
The **Antarctic Circle** is a line of latitude located at the bottom of the globe at 66° South. The Antarctic Circle is made up of the Southern Ocean and the South. The continent of Antarctica is located in the Antarctic Circle.



northern hemisphere

equator

southern hemisphere



Longitude and Latitude

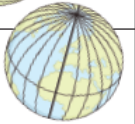
Latitude lines run around the earth east to west.

These lines are the same distance apart from each other.



Longitude lines run over the top of the earth north to south.

These lines are not equally distant from each other.



These lines are used to give the specific location of anywhere in the world using **co-ordinates**.

Maps

A map is a drawing of an actual place that uses lines and symbols to represent real life objects.

Maps include coordinates, a compass rose, symbols and a key and different colours for important things. When planning a journey people use a map to think about the quickest or safest route. You can also use a map to pinpoint a location in the world.



Europe

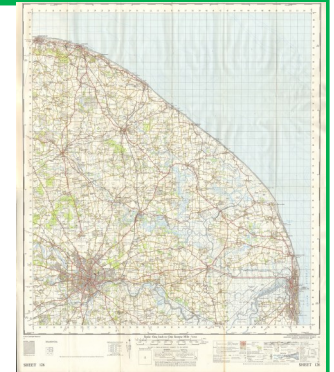
Europe is the second smallest continent in the world, but is the third highest populated and the wealthiest.

It consists of 47 countries, including the smallest country in the world, the Vatican. It borders Russia and is on both the Atlantic ocean to the west, The North Sea to the north and the Mediterranean Sea to the south.



What is a grid?

Look closely at your Ordnance Survey map and you will see that it is divided into a series of squares. Together, these squares are known as a grid and they help you to locate the features within them.



Four-figure grid references

Where grid lines meet in the left hand corner of a square, you can put these two numbers together to form a four-figure grid reference.

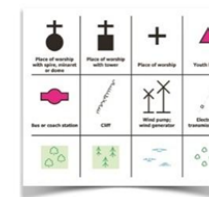
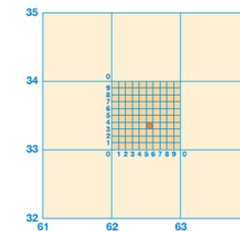
It's important to remember that the easting comes before the northing in a grid reference.

Six-figure grid references

Sometimes we need to be more accurate with the grid references we give. The grid squares on your Ordnance Survey map are all one kilometre across, which makes it easier to divide them into ten in your head.

By adding an extra number (between 1 and 10) to the easting and the northing, you'll come up with a six-figure reference that pinpoints a place to within 100 metres on the map.

Six-figure grid references



The UK					
Country	Flag	Capital City	Key Landmark	Key Rivers	High Ground
England		London	Stonehenge	Thames	Pennines
Scotland		Edinburgh	Ben Nevis	Tay	Grampian Mountains
Wales		Cardiff	Snowdon	Severn (also flows through England)	Cambrian Mountains
Northern Ireland		Belfast	Giant's Causeway	Bann	Sperrin Mountains

Using a compass

Compasses are used to measure location and direction. They feature a magnet and a rotating metal bar which always points towards the Northern magnetic pull of the earth. The red bar on the compass will always point north, and has 3 other main marks: east, south and west. A compass also has 4 other mid points between each of the main directions: north east, south east, south west and north west.

