



Knowledge organiser for Geography

Key Knowledge

Key vocabulary
symbol
grid reference
direction
North
South
East
West
key relief
contour

Class 3

WHERE IS THE UK?

The United Kingdom (UK) is an Island country located in the continent of Europe, it is made up of four countries: England, Scotland, Northern Ireland and Wales.

THE UK

ATLAS SKILLS

There are generally three main types of maps shown in an atlas:

- PHYSICAL MAPS** these show topography/relief (the shape of the land) and other physical features such as rivers and lakes.
- POLITICAL MAPS** these show country borders, cities, transport links etc.
- THEMATIC MAPS** these show information such as climate data, agriculture types etc.

MAP SYMBOLS

Symbols are useful for lots of reasons including, space saving on a map, multi-lingual (all languages can understand them), saves time, clear.

MOTORWAY	FOREST	PARKING	GOLF COURSE
TRAIN STATION	BUS/COACH STATION	CYCLE TRAIL	NATURE RESERVE
FOOTPATH	RIVER	VIEWPOINT	MARSHLAND

COMPASS POINTS

HEIGHT AND RELIEF

RELIEF the difference between the highest and lowest heights of an area.
TOPOGRAPHY the surface features of the earth like hills, mountains, valleys etc.

<h4>LAYER SHADING</h4> <p>Areas of different heights are shown using different colours. A key is used to show how high the land is.</p>	<h4>SPOT HEIGHTS</h4> <p>The exact height of a place above the ground is measured and written onto a map.</p>	<h4>CONTOUR LINES</h4> <p>Contour lines are lines on a map which join up places of the same height. Everywhere along a contour line is the same height.</p>
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4 FIGURE GRID REFERENCES

Along the edges of each map there are numbers. These numbers help you work out where a location is on a map. Northings are numbers that go from bottom to top, Eastings go from left to right.

The first two numbers give the eastings. **32** **26** The second two numbers give the northings.

Remember... eastings then northings!

Along the corridor and up the stairs!

LONGITUDE AND LATITUDE

Unlike grid lines where we go along the corridor and the stairs, here we go **UP** and **ACROSS**

LATITUDE
Flat lines. Flat-itudel

LONGITUDE
Long lines - up and down

6 FIGURE GRID REFERENCES

We can use six-figure grid references to find an exact location within a grid square, so they are much more accurate. The grid square is divided into tenths.

Example

015 795

The first three numbers give the easting which includes the number of tenths.

The last three numbers give the northing which includes the number of tenths.