

Key concepts

All students should understand the different strands of geography and be able to provide examples.

The location of places can be described at various scales: global, national and local. The UK is located in the Northern Hemisphere in Europe. Otley is located in England in the county of West Yorkshire, close to the city of Leeds.

Manali is also located in the Northern Hemisphere in Asia. Manali is located in northern India in the state of Himachal Pradesh.

The world is divided into different biomes depending on latitude and precipitation.

The UK is located in the temperate deciduous forest biome.

Manali is located in the high mountain biome.

Features can be categorized into human and physical. Otley has a range of features include the River Wharfe, the Chevin (Physical) and The Market Square (Human). Manali has the Beas River (Physical) and 64% of the population are male (Human). Annotating photos is a key geographical skill that all students should be able to do.

Otley is located in a U shaped valley with the River Wharfe running through the centre. Manali is located in a V shaped valley called the Kullu Valley.

Physical features can be identified on an OS map using grid references, contour lines and spot heights.

Settlements can be categorized into nucleated, dispersed or linear.

Otley's settlement pattern can be identified as nucleated on an OS map due to the location of the River Wharfe and the Chevin. Manali's is linear.

Otley's population has a reasonably even split of males and females, the majority of which are white British and of working age.

The character of areas can be very varied and portrayed differently by different sources.



Global National Local

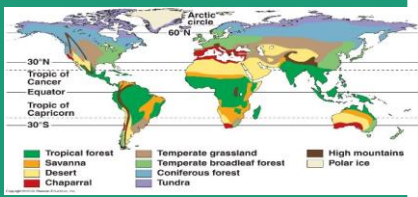
The two main factors affecting the global distribution of biomes are:

LATITUDE
i.e. how near to the equator it is.

PRECIPITATION - how much rain or snow it gets.



World Biomes



Which biome is Otley located in?

Temperate Deciduous Forest in?

Which country is Otley located in?

England

Which biome is located along the Tropic of Cancer and the Tropic of Capricorn?

Hot Desert

Year 7

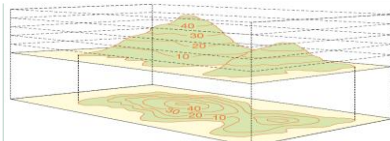


Investigating our local place

How are the physical features shown on an OS map?

Contours

Contour lines show height in metres above sea level. The closer the lines are together the steeper the land. The further away the flatter the land.



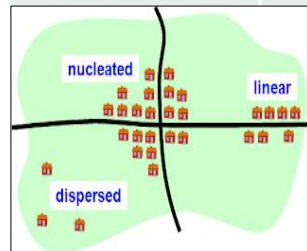
Spot Heights

Spot heights are usually shown on maps as a black dot with the height written next to it. Spot heights give the exact height above sea level of the particular location or feature.



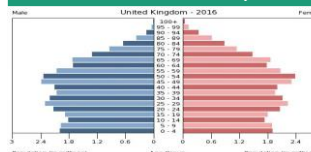
Settlement Patterns

Nucleated	Dispersed	Linear
Buildings grouped together. Found in lowland areas.	Buildings spread out. Found in upland areas	Buildings spread out. Found in upland areas



Country	Capital City
England	London
Scotland	Edinburgh
Wales	Cardiff
Ireland	Dublin
Northern Ireland	Belfast

Total population of an area is often presented in a population pyramid. How would you describe the population...Age, Gender, Ethnicity



Great Britain	The UK	The British Isles
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PRIMARY DATA

Information collected by the person doing the fieldwork e.g. traffic count.

SECONDARY DATA

Information already collected by somebody else e.g. newspaper articles.

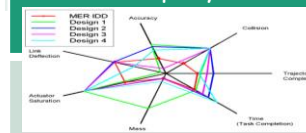
Key Terms

Human geography	is about where and how people live.
Physical geography	is about the natural features of the earth and how they are formed.
Environmental geography	is about how humans affect our surroundings/landscape.
Biome	A biome is a specific environment that's home to living things suited for that place and climate e.g. Tropical Rainforest, Desert
Biosphere	The part of the world where life exists
Ecosystem	An ecosystem is all the plants and animals that live in a particular area together
Annotation	Annotating means to label features in a photograph and to explain information about them.
Relief	The shape of the land in terms of height above sea level.
Grid references	Maps are made up of grids, with numbers or letters along the bottom and up the side
Fieldwork	Fieldwork is the term used to describe collecting raw data. It is carried out in the field - which normally means outside!
Field sketch	Field sketches are drawings you do when collecting your fieldwork instead of a photograph to record what you have seen
Sense of Place	A feeling or perception of a place based on its characteristics UK
Evaluate	Consider what went well in your fieldwork investigation and what could have been improved.

The stages of a Fieldwork Investigation

1. Identifying what you are going to investigate
2. Choosing appropriate methods of data collection
3. Collecting your data
4. Presenting the data you have collected in appropriate graphs
5. Analysing your data and reaching conclusions

Radar Graph to show environmental quality



Bar chart to show the average noise level at each site.

