

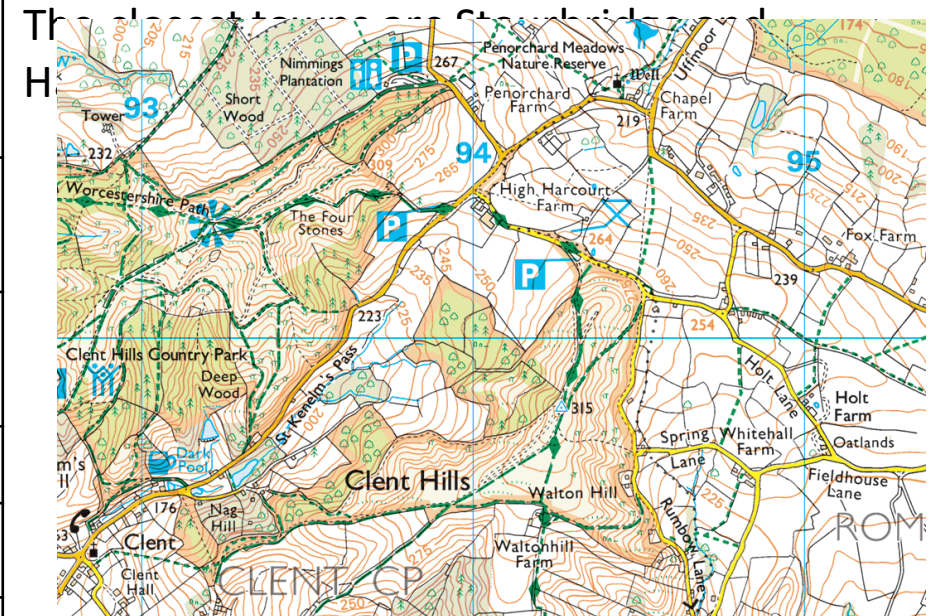
# Year 4 Knowledge Organiser- Clent

<b>Key Vocabulary.</b>	
GIS- Geographical Information Systems	A system for storing geographical information on computer.
Sustainable development	A way for people to use resources without the resources running out.
Renewable energy	A resource which can be used repeatedly because it is replaced naturally. Examples are: oxygen, fresh water and solar energy.
Wind farm	An area of land with a group of energy-producing windmills.
Physical features	Natural features such as rivers and mountains.
Data	A collection of information.
Local	An area close to were you live.
Geographical processes	The way physical and human forces

Clent

The Clent Hills are a large area of open countryside.

They lie 10 miles south-west of Birmingham city centre in Clent, Worcestershire, England.



## Energy

In the UK we use lots of different resources to get energy for electricity. Some of the energy is renewable and some of it isn't.

Renewable energy comes from natural resources that are naturally replenished, such as sunlight, wind and waves.



Non-renewable energy comes from natural resources that are not naturally replenished, such as oil and coal.



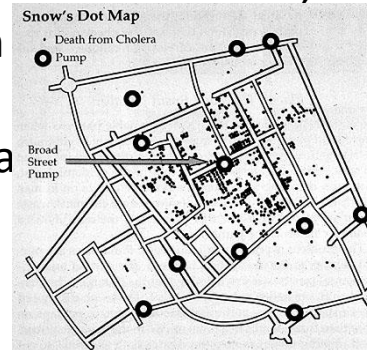
## GIS- Geographical Information Systems

GIS is a computer system made for displaying positions on the earth's surface and putting the data on maps.

Its main job help in analysing data and find patterns.

For example a map could use GIS to find out the amount of rubbish in one area, and also include how many factories are in that area, to help find which

An example of a GIS map.



## Equipment used in Geography

Anemometer - an instrument for measuring the speed of the wind



Quadrat - A quadrat is usually a square made of wire. The quadrat is used for sampling plants and seeing how many plants are in an area.

