

# Geography Knowledge Organiser

## How can small actions make a difference?



- Wirksworth is in Derbyshire and was an old lead mining town.
- Derby is a city in the UK.
- Derby is a major town near Wirksworth and the physical characteristics are the river Derwent flows through it.
- Human characteristics in Derby include Derby Cathedral and Pickford House.
- The UK is an island surrounded by the North Sea, the English Channel and the Irish sea.
- Achievements in Derby include Rolls Royce and the Railway Industry.

**Rivers**  
 -A river is a moving body of water that flows from its source on high ground, across land, and then into another body of water, which could be a lake, the sea, an ocean or even another river.  
 -Rivers usually begin in upland areas, when rain falls on high ground and begins to flow downhill. They always flow downhill because of gravity  
 -Rivers flow, they erode – or wear away – the land. Over a long period of time rivers create valleys, or gorges and canyons if the river is strong enough to erode rock. They take the sediment – bits of soil and rock – and carry it along with them.



- Europe is a continent and can locate this on a world map.
- Freiburg is a city, in Germany, which is in Europe.
- Freiburg is a city in Germany and physical characteristics include the river Dreisam, and its location at the edge of the Black Forest.
- Freiburg ensures sustainability by using cloth nappies, composting food waste and use of electric trams to reduce pollution.
- Freiburg in Germany have made small changes to make them more sustainable as a city.

**Mountains**  
 -Mountains can be made by tectonic plates on the Earth's crust bumping into each other and forming a mountain range such as the Alps in Italy.  
 -The Alps are a mountain range that runs through several countries such as Italy, Germany and France.  
 -Kinder Scout is the highest mountain point in the Peak district.



- Concepts**
- Achievements
  - Community
  - Change
  - Sustainability
- Values**
- Fairness
  - Togetherness.

Key Vocabulary	
Tectonic plates	Massive slab of solid rock made up of Earth's lithosphere (crust and upper mantle).
Island	A body of land surrounded by water.
Erode	Geological process in which earthen materials are worn away and transported by natural forces such as wind or water
Sediment	Solid material that is moved and deposited in a new location, this can be rocks and minerals, as well as the remains of plants and animals
Sustainability	If something is sustainable, it can be carried on for a long period of time. Being sustainable means doing little or no harm to the environment.
Settlement	Where people live
Land-use	The function of land - what it is used for
Urban areas	A built-up area such as a town or city
Europe	One of the seven continents
River	Bodies of water that flow. Rivers start where rain falls onto hills and mountains and flows downhill to join the sea or a lake or loch
Gorges	A narrow valley with steep, rocky walls located between hills or mountains.
Canyons	A deep, narrow valley with steep sides
Valleys	Depressed areas of land—scoured and washed out by the conspiring forces of gravity, water, and ice.