



What should I already know?

Reasons why people settle by rivers

The climate in parts of the world differs so different crops can be grown (biomes).

Climate change is affecting how we live.

Vocabulary

renewable Energy from nature such as sunlight, wind or wave power.

non-renewable Energy from sources that will eventually run out like oil or coal.

generator A machine that creates electricity.

conserve To keep safe (to use as few resources as possible).

mineral A substance naturally formed in the Earth

environmentally friendly Not harmful to the environment

To settle in a new place, have to consider basic needs such as: food, water and shelter.

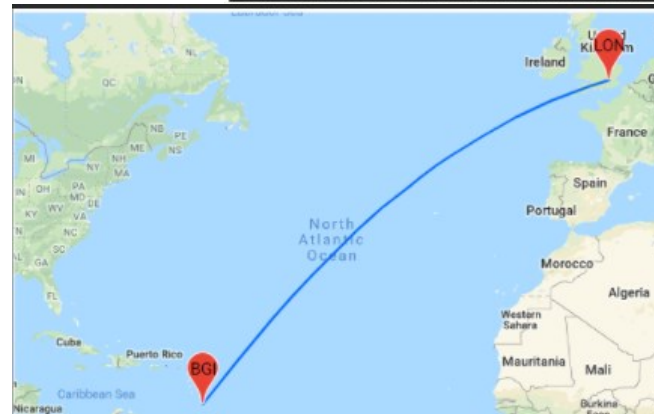
Additional needs to consider are things such as: electricity, healthcare, transport, internet access and entertainment.

Types of Power Station

Electricity is made in power stations, transferred via pylons, through wires and into our homes.

Coal - burning coal.	Combined Cycle Gas Turbine (CCGT) - burning gas.	Nuclear - uranium atoms split in a process called nuclear fission.	Pumped Storage - water in dams used to turn turbines.
non-renewable	non-renewable	non-renewable	renewable

Oil, a mineral, may also used to generate power. This is another non-renewable



Bananas are grown in the Caribbean and transported to the UK. Packaging tells us the origin of our food.

Renewable sources of energy such as wind, solar and hydro power more environmentally friendly.

Our food comes from all over the world. Some food travels a long distance from where it is grown (produced) to where it is eaten (consumed). The distance travelled is called food miles. Food miles contribute to climate change.

There are benefits to importing food, such as: variety for a healthy diet (including food that can only be grown seasonally in the UK); a market for foreign farmers to sell

Not all of the world's resources are shared fairly. Some of the world's population do not have enough. It is important to conserve resources and not be wasteful. We can reduce our energy and water use by making small changes. We can try to avoid wasting food.

