

Key Knowledge

To identify natural resources and explain how they are used to provide energy.

To identify clean and renewable natural resources used to produce electricity, and to discuss the pros and cons of their use.

To identify parts of the world where certain foods, wood and minerals are produced and consider some of the problems associated with their production.

To understand sustainability and what we can do to help preserve natural resources.

Natural Resources Year 5



Key Skills

Human and physical geography

human geography: Types of settlement and land use, economic activity including trade links, and the distribution of natural resources including energy, food, minerals and water

Geographical skills

use maps, atlases, globes and digital/computer mapping to locate countries and describe features studied.

Renewable Forms of Energy- An energy source that will not run out.



Solar



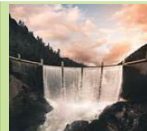
Wind



Wave &
Tidal



Biomass



Hydro-Electric



Geothermal

Non-Renewable Forms of Energy



Nuclear



Fossil Fuel- Oil



Coal

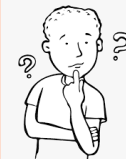


Natural Gas

Vocabulary

Resource Distribution	How resources are spread out across a geographical area.
Energy	the power to make things work - for example, to provide heat or light or to operate machinery
Renewable	Something that will not be used up or run out.
Finite	A resource that is finite has a limit, or an end and will run out.
Sustainable	To develop a sustainable future, you need to think about meeting today's need and protecting the environment and resources for the future
Unsustainable	A resource that is being used more or faster than it can be replaced or regrown.
Extraction	The process of removing something, like minerals, especially by force.
Minerals	Chemical substances which are formed naturally and are found in the ground or in rocks.
Fossil fuels	A natural fuel such as coal or gas, that is formed in the geological past from the remains of living organisms

Big Questions/Challenging Perceptions



In what ways are humans affecting the environment and planet we live on?
How can we preserve natural resources?
Identify ways in which we ourselves can change to reduce the harm we do to the planet.