

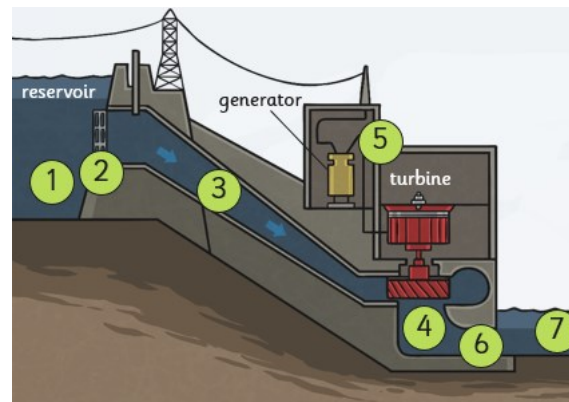


Vocabulary I need to know

Settlers	A person who moves with a group of others to live somewhere new
Settlement	A previously uninhabited place where a community is built.
Transport	To carry people or goods from one place to another using a vehicle.
Power station	A place where electrical power is generated for distribution
Renewable energy	Energy from a source that will never be used up
Non-renewable energy	Energy from a source that will run out.
Wind turbine	A turbine with a large wheel rotated by the wind to generate electricity
Food miles	A mile over which food is imported from where it is made to where it is eaten.
conservation	Preventing waste of resources

Things I already know before I start the journey

- The impact that humans can have on the environment.
- The impact on people of the world's changing climate.
- Understand what the word 'settlement' means and how land use influenced settlement.



Things I need to know by the end of the journey

- The importance of a variety of resources for settlers to thrive.
- The main stages of electricity distributions.
- Methods of power generation used in the uk
- The impact renewable sources have on UK electricity production.
- Why foods are exported and imported
- Ways to reduce carbon footprint
- Ways to reduce food wastage
- How CO2 levels impact global access to resources.

LO: Evaluate what settlers need and explain the value of resources	LO: Compare ways electricity is generated and distributed	LO: Explore and explain renewable sources of energy	LO: Explain the benefits and problems around importing food.	LO: Explain the importance of conserving water, food and energy resources	LO: Investigate and explain how access to natural resources varies in different countries.
To know features of a settlement site. To know the resources a settlement needs to thrive. To understand human needs have changed over time.	To know the main stages of electricity distributions. To know some of the methods of power generation used in the UK. Able to use an atlas to locate a given place. Can find a place on a blank map by comparing it to an atlas. Can label a map a key.	To know what makes an energy source renewable. To know some of the renewable methods of power generation used in the UK. To know the impact renewable sources have on UK electricity production.	To know some foods that are produced in the UK. To know why foods are imported and exported. To know the benefits and issues of importing food. To know what food miles are.	To know ways to reduce food wastage. To know ways to reduce water wastage. To know ways to reduce energy usage. To know ways to reduce my carbon footprint. To explain how small changes can lead to a big impact.	To know that food shortages are a global problem and name areas of the world most affected. To know how CO ₂ levels impact global access to resources. To understand own role in reducing resource shortages around the world.
Outcome: Evaluate resources settlers need using a diamond 9 and explain reasonings. Explain further resources of use for settlers.	Outcome: Compare the advantages and disadvantages of a renewable and a non-renewable power source.	Outcome: Explore and explain where on a local school's grounds would be most suitable for a wind turbine.	Outcome: Children to identify food miles of different food items and explain the benefits and problems of importing food.	Outcome: Children to identify ways they can reduce their carbon footprint, the energy they will save and explain the importance.	Outcome: To investigate and explain how access to natural resources varies in different countries, including threats to food security and action against hunger projects