






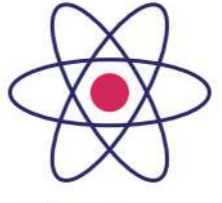



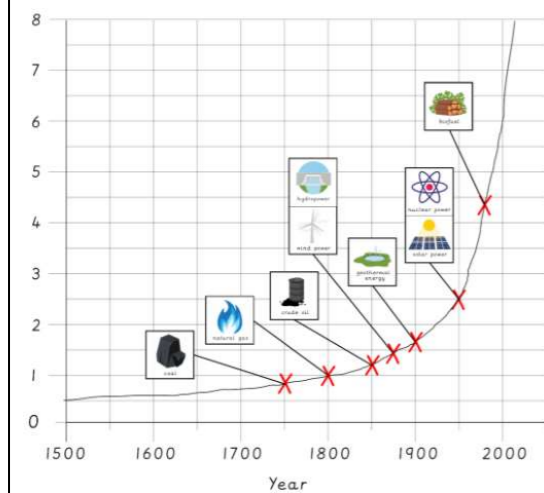
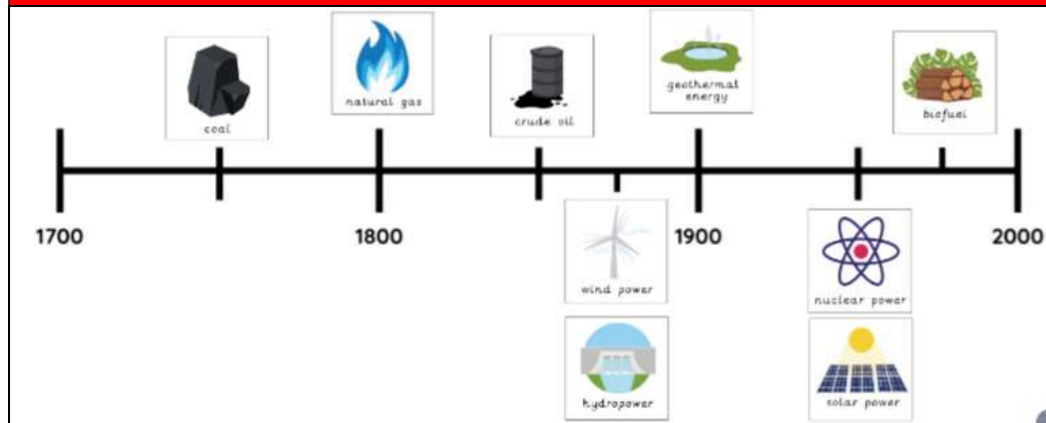
Key Vocabulary

energy source	Something that stores large amounts of energy.
renewable	Does not reduce in amount when used.
non-renewable	Cannot be replenished and will run out.
coal	Black rock found underground: non-renewable energy source.
crude oil	Liquid found underground: non-renewable energy source.
hydropower	Energy generated by the movement of water: renewable energy source.
wind power	Energy generated using wind turbines: renewable energy source.
solar power	Energy generated by the sun: a renewable energy source.
nuclear power	Energy generated by radioactive materials: a non-renewable energy source.
off shore	Located in the sea, away from land.
fossil fuel	Made using remains of plants and animals over millions of years.

Energy sources

Renewable	 hydropower Energy generated by the movement of water.	 wind power Energy generated by wind powering large turbines.	 geothermal energy Energy generated by the heat from the Earth's core.	 solar power Energy generated by the sun and solar panels.	 biofuel Energy generated from plant or animal waste.
	Non-renewable	 coal A black rock found deep underground which is used as fuel.	 crude oil A naturally occurring liquid made millions of years ago, found underground.	 nuclear power A highly-flammable mixture of gases found deep underground.	 natural gas Energy generated from radioactive materials that create heat.

Why is energy important?



This graph shows that as the population has increased, there is more demand for energy sources.

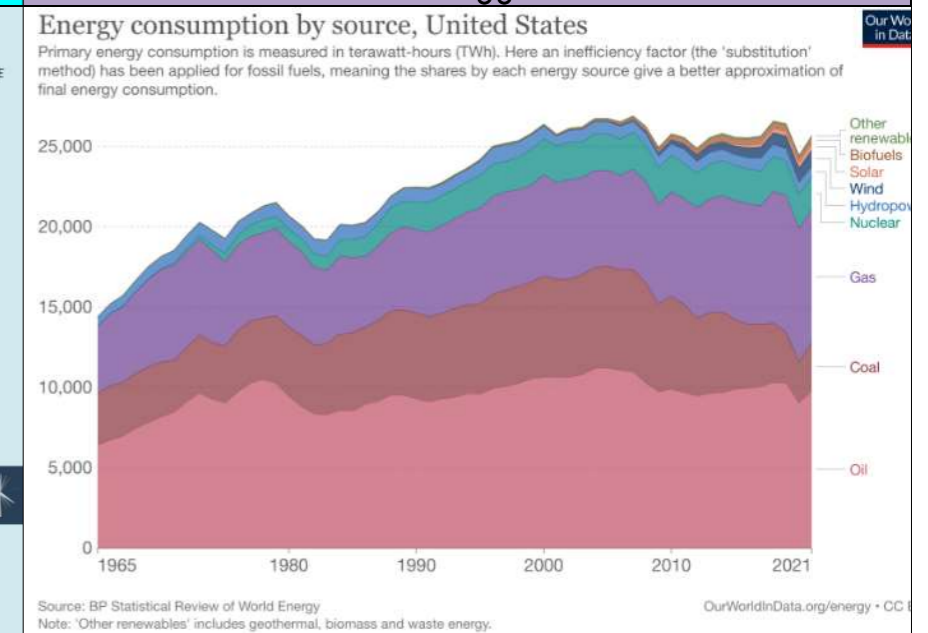
This means that more research is done on energy and different sources are developed.

How does the UK generate energy?



- The UK mostly relies on gas and oil as its energy source.
- The UK uses wind power as its renewable energy source.
- The UK has stopped using as much coal to provide its energy.

How does the United States generate energy?



- The US is one of the largest consumers of energy in the world.
- It mainly gets its energy from non-renewable sources such as crude oil, coal and natural gases.
- The US has only begun to use solar power and biofuels recently.

