



Brookfield Primary School Knowledge Organiser



Year :6 Where does our energy come from?

Geography is the study of the places and the relationships between people and their environment.

Renewable					
	hydropower	wind power	geothermal energy	solar power	biofuel
	Energy generated by the movement of water.	Energy generated by wind powering large turbines.	Energy generated by the heat from the Earth's core.	Energy generated by the sun and solar panels.	Energy generated from plant or animal waste.

Non-renewable					
	coal	crude oil	nuclear power	natural gas	
	A black rock found deep underground which is used as fuel.	A naturally occurring liquid made millions of years ago, found underground.	Energy generated from radioactive materials that create heat.	A highly-flammable mixture of gases found deep underground.	

fossil fuel	A material formed from the remains of plants and animals over millions of years.
non-renewable	Energy that cannot be replenished and will eventually run out.
renewable	Energy that does not reduce in quantity when it is used.
hydropower	Energy generated by the movement of water.
geothermal energy	Energy produced from the heat of the Earth's core
solar power	Energy generated by the sun and solar panels.
biofuel	Energy generated from plant and animal waste.
nuclear power	Energy generated from radioactive materials that create heat.

General Geographical Words

latitude, longitude, Greenwich Meridian, equatorial, climate zones, subterranean

Why is energy important?	What is renewable energy?	How does the United States generate energy?	How does the United Kingdom generate energy?	What is the best way to generate energy?	Where is the best place for a solar panel on the school grounds?
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