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Glue on this side

Renewable Energy

1	I can state what renewable and non-renewable energy resources.
2	I can describe nuclear energy, including the pros and cons
3	I can state fossil fuels and describe their environmental impact.
4	I can describe renewable energy from the Sun: Solar Energy
5	I can describe renewable energy from the Earth: Geothermal and Biofuel.
6	I can describe renewable energy from water: Tidal, Wave and Hydroelectric

	Keyword	Definition
1	Biofuel	Any type of fuel made from the bodies of organisms – such as fuels made from plants.
2	Fossil Fuels	Coal, oil and gas
3	Geothermal	The energy resource found in Earth’s crust, due the thermal energy of the rock of the crust is certain places on Earth.
4	Hydroelectric Energy	Water stored behind a dam has gravitational potential energy, so it is a store of energy we can make use of.
5	National Grid	A series of power stations, transformers, pylons and power lines to transfer electricity across the country.
6	Non-renewable energy	Describes energy resources that cannot be replenished. In other words, they get used up. E.g. fossil fuels, nuclear fuel
7	Nuclear Energy	Elements that can be used to release massive amounts of energy for generating electricity. Uranium or Polonium
8	Renewable energy	An energy resource that can be replenished whilst it is being used
9	Solar Energy	Using solar panels, we can transfer light energy directly into electrical energy. We can also use the thermal energy from the Sun for heating and for generating electricity.
10	Tidal Energy	Tides in the sea come in and out twice a day. This is a massive movement of water, whose kinetic energy can be transferred usefully to electrical energy.
11	Wave Energy	Waves in the ocean have kinetic energy. With the right equipment, this energy can be transferred usefully to electrical energy