



Y4 Thinking like a scientist

Future Power

Key Facts:

- A lot of appliances we use every day run on electricity.
- This electricity is either produced by non-renewable (fossil fuels) or renewable energy
- Renewable energy will never run out and is better for our planet
- The UK is building lots of wind turbines on-land and in our seas.

Electrical appliances:



radio



toaster

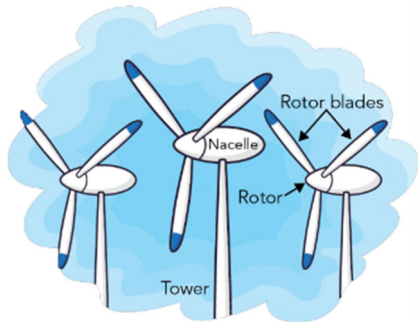


fan heater



lamp

Wind turbines:



Key Vocabulary	
electricity	The flow of an electric current or charge through a material, e.g. from a power source through wires to an appliance .
renewable	A source of electricity that will not run out. These include solar, nuclear, geothermal, hydro and wind.
non-renewable	This source of energy will eventually run out and so will no longer be able to be used to make electricity . These include fossil fuels – coal, oil and natural gas.
appliances	A piece of equipment or device designed to perform a particular job, such as a washing machine or mobile phone.

What else do you know?
Fill this space with your own knowledge.