



## 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

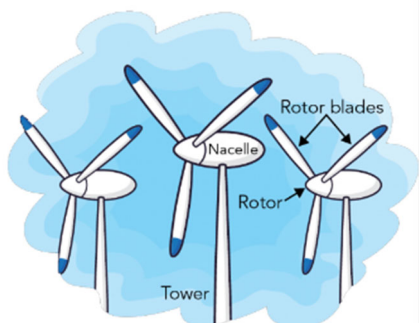


fan heater



lamp

#### Wind turbines:



#### Key Vocabulary

<b>electricity</b>	The flow of an electric current or charge through a material, e.g. from a power source through wires to an <b>appliance</b> .
<b>renewable</b>	A source of <b>electricity</b> that will not run out. These include solar, nuclear, geothermal, hydro and wind.
<b>non-renewable</b>	This source of energy will eventually run out and so will no longer be able to be used to make <b>electricity</b> . These include fossil fuels – coal, oil and natural gas.
<b>appliances</b>	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.