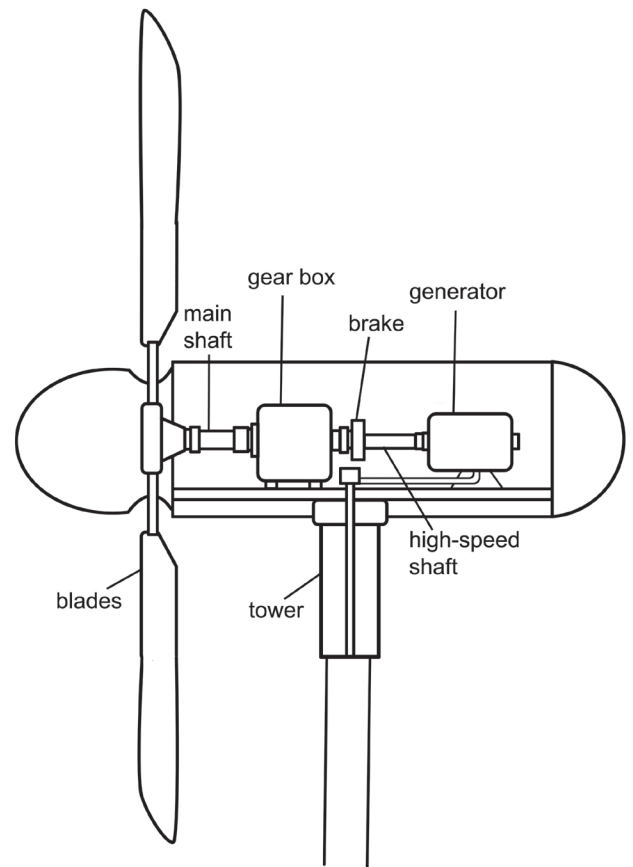
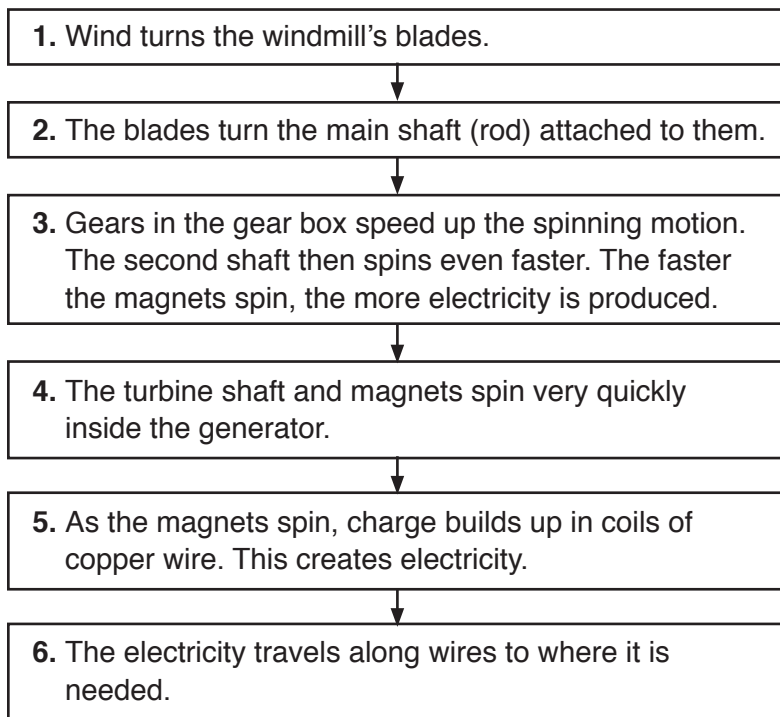


# Using Wind to Produce Electricity

People have used wind power for centuries. Early windmills turned grinding stones that crushed grain into flour. Today we use windmills to create electricity.

## How Wind Turbines Work

You can think of a wind turbine as the opposite of a fan. A fan uses electricity to make its blades turn, and the turning blades produce moving air. A wind turbine uses moving air (wind) to turn its blades. The movement of the blades produces electricity.



## Wind Farms

A wind farm is a place that has a lot of wind turbines. The area must be flat and open, with a lot of wind. A wind farm can be built over water, such as a lake or ocean.

Advantages of Wind Turbines	Disadvantages of Wind Turbines
<ul style="list-style-type: none"> <li>• create electricity</li> <li>• do not create pollution</li> <li>• many possible locations</li> </ul>	<ul style="list-style-type: none"> <li>• noisy</li> <li>• can be seen from quite far away</li> <li>• turning blades can kill or injure birds and bats</li> </ul>