

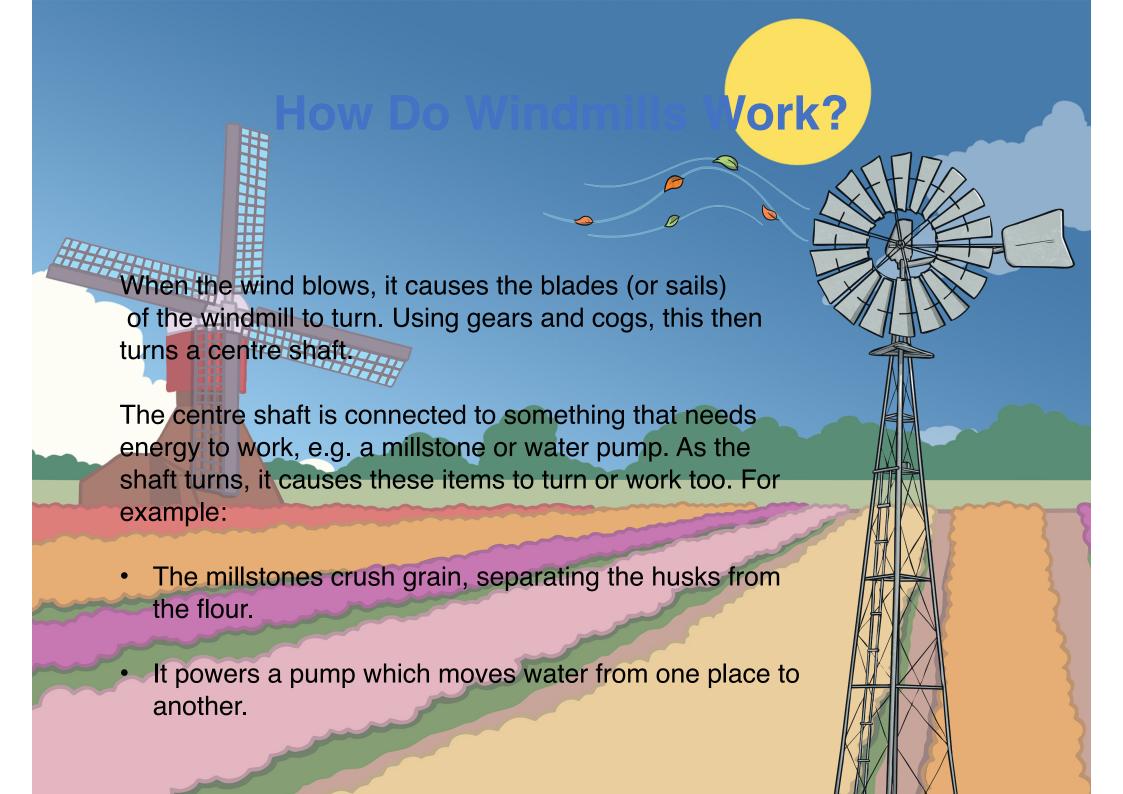
What Are Windmills Us

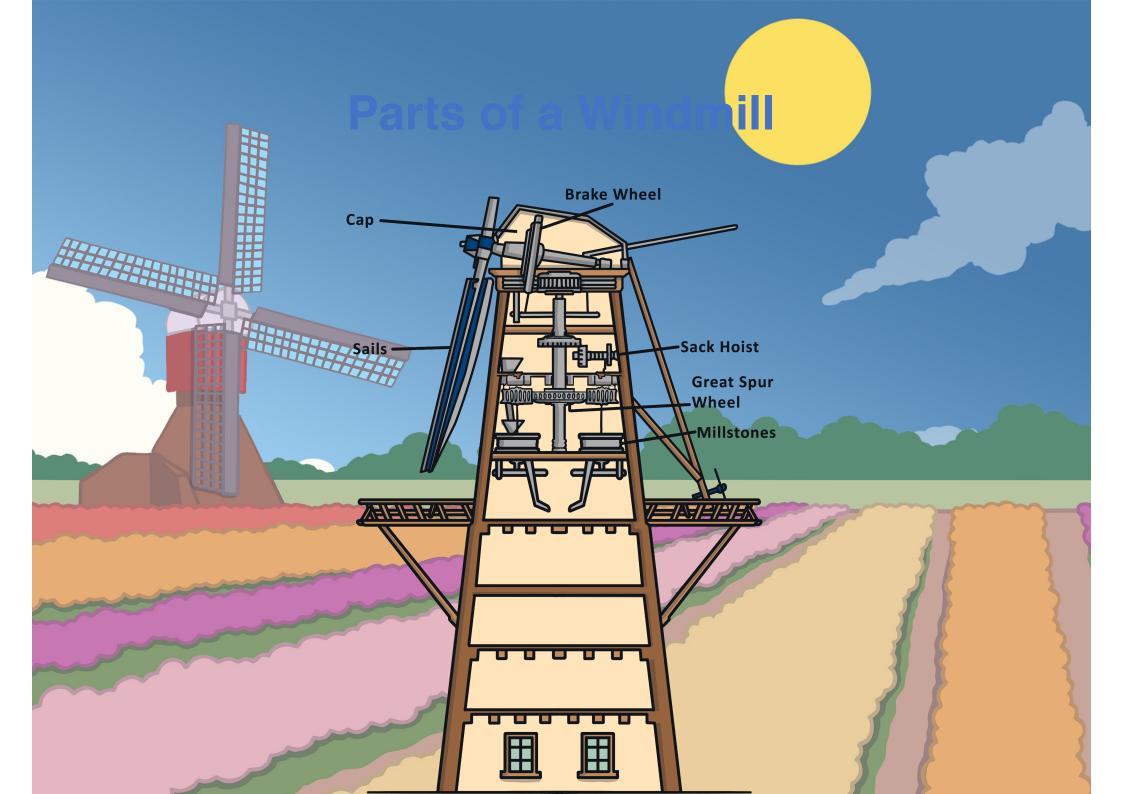




Windmills are used to harness the wind's energy.

The energy can then be used to power machinery used to do different jobs, for example: to grind grain, make electricity or move water.





The History of Windmills

Windmills were invented as a way of using nature as power rather than having to use human energy.

The first windmills had rectangular shaped blades.

Windmills were used in England (and other parts of Europe) from the 12th Century.

The first windmills were made from wood, but have since been made from bricks, stones and even steel.

Traditional windmill use has fallen since people began to use steam power and later, electrical power.



Different Types of Windmills

The main types of windmill are:







Post Mill

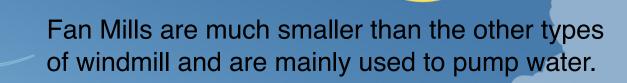
Towel Mill Smock Mill



Most windmills today are used to produce electricity without causing pollution. Wind turbines are a type of modern windmill. They are used to create mechanical power that can be changed into electricity which is used to power homes and technology.

Because wind occurs naturally, it will never 'run out' so will be used well into the future.





Some wind turbines have arms that are longer than a football pitch.



Some non-working windmills have been converted into homes. Would you like to live in a windmill?

There are lots of stories with windmills in them and songs about windmills: A Windmill in Old Amsterdam, The Little Red Hen, etc. Can you think of any more?



