



# Can children use wind to generate electricity





## Overview

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Have you ever flown a kite and felt the wind tugging it higher into the sky?

That same power can be used to create electricity! Wind turbines are tall towers with blades that spin when the wind blows. Inside the turbine, the spinning blades turn a generator, which makes electricity. It can help children build vocabulary, learn about renewable energy, and understand how humans can use the wind to power the world. Written by Mark Pulley, a teacher and writer who creates fun and informative news articles for English learners. Using simple materials students learn how to harnesses the power of the wind. Whether you're teaching about environmental. Wind energy is produced by the movement of air (wind) and converted into electricity. Wind power also does not cause pollution. At night, the winds are reversed because air cools more rapidly over land than it does over water.



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### Environment for Kids: Wind Power

Kids learn about wind energy and how this renewable power can help the environment. Teach students about turbines that generate electricity from wind.

### Putting Wind to Work

Wind energy is the movement of air, harnessed to produce electricity or power machinery. Wind energy has been used to pump water for centuries, and wind farms have powered ...



### wind power

When wind causes the blades to spin, they turn the shaft. The turning shaft provides power to a machine called a generator, which produces electricity. A group of wind turbines, called a wind farm, can be ...

### Wind Turbine Project for Kids

A wind turbine works by capturing the wind's energy and turning it into electricity. When the wind blows, it pushes against the turbine's blades, causing them to spin.



### The wind as an energy source (non-statutory)

Children may think that windmills and wind turbines create wind when the sails or blades spin. Teaching slide explain that windmills and wind turbines harness the energy of the wind to do work for us or to ...

### **How can Wind Energy be Used? , Wind Power , Science for Kids**

Wind power is a form of energy that we get from the wind. Just like we use sunlight or water to generate electricity, we can also capture the energy from the wind. When the wind blows, it moves the blades ...



### Turning wind into energy: A kids' guide to wind power

Wind turbines are tall towers with blades that spin when the wind blows. Inside the turbine, the spinning blades turn a generator, which makes electricity. You can learn more about wind ...





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