

Name: _____
Date: _____ Period: _____

Vocabulary Chart - Wind Energy Part 1

Word	Definition (text)	Other Definitions (Not used in this lesson)	Definition (yours)	Sentence
Work	When a force acts upon an object to cause a displacement of the object.	Not something you do as a job for money.		The work done on the wind turbine blades by the wind causes them to turn.
Power	The amount of energy done over a certain period of time. Measured in Watts (1 Watt = 1 Joule/1 Second)	Not the responsibilities and ability to do things that someone who is in charge has, like the President of the United States.		That wind turbine can generate enough power for 500 homes.
Force	An influence that causes an object to change. In this lesson, the unit of force used is Newtons.	Not the use of physical strength or violence.		When an object drops to the ground we can see the force of gravity at work.
Energy	The ability to do work. In this lesson, energy and work mean the same thing.	Not something you drink in an energy drink.		Energy from wind is a renewable resource.

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Kinetic Energy	The energy available in motion.	N/A		The blowing wind has kinetic energy in it.
Wind Farm	A group of wind turbines all producing electricity in the same area.	Not a farm where crops are grown or farm animals live.		There are 20 wind turbines in that wind farm.