

# Wind Energy Kit












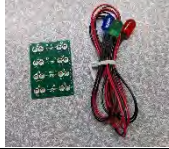


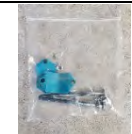



Wisconsin Center for Environmental Education  
College of Natural Resources  
University of Wisconsin - Stevens Point

Borrower name: \_\_\_\_\_ Dates: \_\_\_\_\_

**Kit Contents:** Make sure all kit contents are inventoried before returning the kit to the travel case. Damaged or missing items need to be reported.

Materials							
		Checkout	Returned			Check out	Returned
Activity Binder				Wind by Erin Edison			
The Boy Who Harnessed the Wind (picture book version) by William Kamkwamba & Bryan Mealer				Energy Makes Things Happen by Kimberly Brubaker Bradley			
Catch the Wind by Mortenson Construction				Like a Windy Day by Frank Asch & Devin Asch			
The Wind Blew by Pat Hutchins				How Artists See THE WEATHER by Colleen Carroll			
Common Ground – The Water, Earth, and Air We Share by Molly Bang				Feel the Wind by Arthur Dorros			
The Boy Who Harnessed the Wind (2) (young readers edition) by William Kamkwamba and Bryan Mealer				The Boy who Harnessed the Wind Laminated readings (5)			
Wind Turbine Technicians on the Job by Clara MacCarald				Wind Power By Tracy Vonder Brink			

Batteries				Blade Pitch Protractor (3)			
Digital Wind Speed Meters (5)				Digital Pocket Multimeters (2)			
Pinwheels (5)				Compass Teaching Kit (12)			
Wind Turbine Hub (12)				Extension Cord			
Supercapacitor (1)				Water Pump, Tube, and Graduated Cylinder			
Fan blade (1)				LEDs with wires (3) and LED Board (1)			
Dowel Glue Removers (2) and Rubber Mallets (2)				Mini Hot Glue Gun (2) Glue sticks not included			
Extra Motor Mounts, Bolts, Nuts				KidWind Wind Turbine (2) (See associated checklist)			

*I, the borrower, have reviewed the contents of the kit and confirm that all materials indicated are enclosed in the kit.*

*Should I fail to return them in the current condition, I will be held financially responsible.*

**Borrower checkout signature:** \_\_\_\_\_

**Date** \_\_\_\_\_

**Borrower return signature:** \_\_\_\_\_

**Date** \_\_\_\_\_










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## KidWind Turbine



Wisconsin's K-12 Energy Education Program (KEEP)  
College of Natural Resources  
University of Wisconsin-Stevens Point

**Kit Contents:** Make sure all kit contents are inventoried before returning the kit to the travel case. Damaged or missing items need to be reported.

Materials – PER TURBINE (2 turbines included in kit)							
		<u>Checkout</u>	<u>Returned</u>			<u>Check out</u>	<u>Returned</u>
Wind Turbine Generator with Wires				Nacelle Body Assembled			
Hex Shaft (8')				Tower Base Legs (3)			
Motor Mounts, Bolts, Nuts				Tower Base Hub			
Plastic Weightlifter Bucket				Gear Set (3 hex locks and 8, 16, 32, and 64 tooth gears)			
½" Washers (25)				Dowels (27)			
Power Output Pack (clip wires, motor, plastic spinner)				Wooden Spool and 4" String			
Grey PVC Tower				KidWind Power Output Board			

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**Date** \_\_\_\_\_

**Borrower return signature:** \_\_\_\_\_

**Date** \_\_\_\_\_