



The POWER of WIND (K-2)

The SCIENCE of WIND:



Wind **energy** is clean energy – meaning it does not create pollution.



Wind **turbines** are used to generate power (electricity).

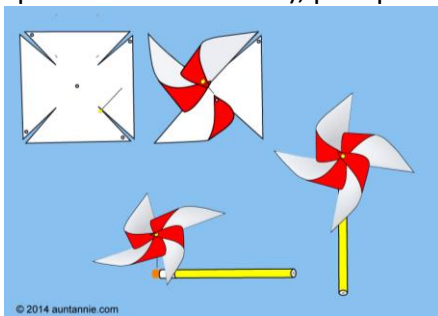
READ:

[*The Boy Who Harnessed the Wind*](#) by William Kamkwamba and Bryan Mealer is the true story of a young boy in Africa and how he saved his village by finding a way to get electricity.

Don't have the book at home? Click the book title to hear the story in its native language or enjoy a [read aloud](#).

ACTIVITY: BUILD a PINWHEEL

Materials: square piece of paper, scissors tape or glue, straw (or pencil with an eraser), pushpin or needle



1. Cut the four corners of the square piece of paper a little more than halfway towards the center of the square.

TIP: Print out or trace the template below.

2. Bend one half of each corner to the middle and tape or glue it in place. Do this for all 4 corners.
3. Carefully push the pin through the center of the pinwheel and into the straw OR the rubber eraser part of a pencil.

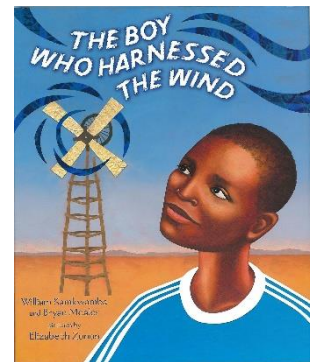
TIP: Put tape over the end of the pin if it is sticking out so you don't get poked.

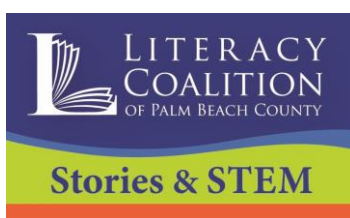
4. Blow directly at the pinwheel to watch it spin! If it doesn't spin, your pin is too tight and try moving it back. Now try taking it outside, putting it in front of a fan or a blow dryer.

For step-by-step instructions, watch the video at: [Pinwheel STEM Activity](#)

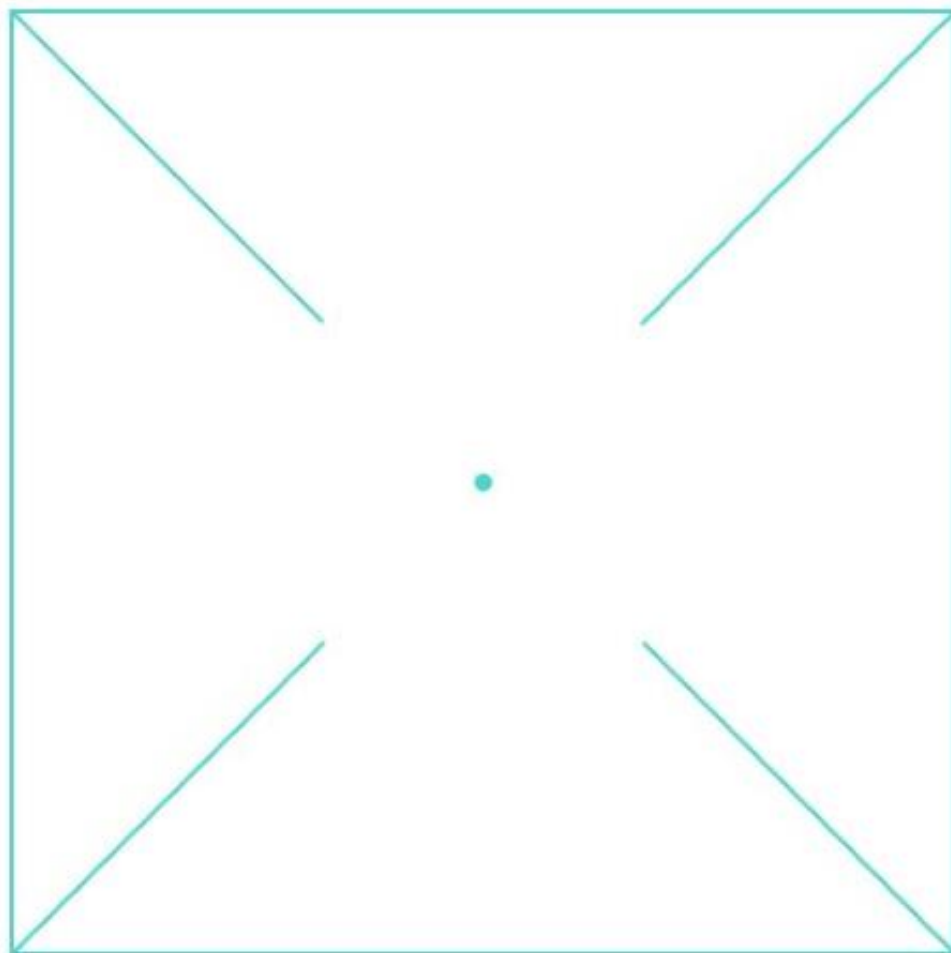
This at-home educational activity is from the Literacy Coalition of Palm Beach County's literacy-based Stories & STEM program. Stories & STEM is made possible with support from Prime Time Palm Beach County, Inc., which receives significant funding from the Children's Services Council of Palm Beach County, Inc.

Having fun? Send pictures or video links of you and your Stories & STEM projects to csharkey@literacypbc.org





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For more fun activities, visit the [Reading is Fundamental](#) page all about the book you read!

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