

THE CHALLENGE:



Wind power is a green energy that is generated from the wind. It is considered a renewable resource because there will always be wind on Earth. Wind turbines harness the power of the wind to make electricity.

Your challenge is to create a pinwheel and discover how wind speeds affect your creation. Click the link below for details

<https://www.hgtv.com/design/make-and-celebrate/handmade/kids-craft-easy-pencil-pinwheel>

~Create, Test, Improve.

Learning Activities

Language Arts *for journal tips watch this video

<https://www.youtube.com/watch?v=E6iB5B3Lz9I>

Pick items off the checklist at the bottom of the page to help reduce your impact on our planet. Write your 3 goals in your journal and keep track of your progress. Can you think of another way to be eco-friendly?

Listen to this true story about “The Boy Who Harnessed the Wind” https://www.youtube.com/watch?v=sDXAf_p5FjU

Draw a picture in your journal of your favorite part of the book.

Math

Use the wind from a hair dryer or a fan to blow three different sized spheres as far as you can from a starting line. Measure the distance each sphere travels with spoons, your shoe, cans, or socks



Science



It's a bird! It's a plane! It's Superman! No, it's...clouds! Spend some time outside observing the clouds in the sky. What direction are they moving? What shapes do you see? What do these peaceful observations make you feel?

Art:

Wind can make music too! Try making a kazoo using a cardboard tube, a rubber band and some waxed paper or a plastic grocery bag.

Instructions can be found by clicking the link below. Play a beautiful tune for your family.

<https://www.todayparent.com/family/crafts/how-to-make-a-kazoo-out-of-a-toilet-paper-roll/>



Turn off lights
Reuse
Recycle
Borrow
Short showers

Start a compost bin
Pick up garbage
Use your bike
Collect rainwater
for your garden