Make a Wind Turbine!

Wind power is a **renewable resource**, which means it
can be used again and again (the wind keeps blowing!).
We use the wind to turn turbines—the turning helps generate electricity!
Follow the steps below to make your own (non-electric) wind turbine.

What you'll need:

1. Square piece of paper (you pick the size—feel free to decorate it!)

2. Pencil and scissors

3. 2-3 small beads

4. A dowel and a sewing pin (if you don't have a dowel, use your pencil)

Steps:

1. Fold a square piece of paper from corner to corner, then unfold. You should have an X criss-crossing your square.

2. Make a pencil mark on each fold line, about 1/3 of the way from the center of your X.

3. Cut along the fold lines to the pencil mark.

4. You will now have 8 points. Bring every other one toward the center, so the 4 points overlap each other in the middle. Be careful *not to fold* these down— you want them to poof out a bit!

5. Stick a long sewing pin through the center of all four points and the exact center of the back of the paper.

6. Roll the pin around a bit to make the hold a little bigger, so your pinwheel will spin freely.

7. Stick your pin through a few small beads to add some space between your paper and dowel.

8. Now stick the pin in the dowel and blow on your turbine to see it spin!