

Make Your Own Windmill



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You Will Need

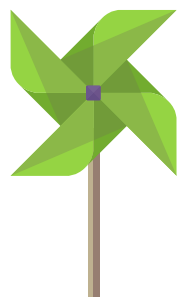
- A sheet of thin card cut into a square (approx 20cm x 20cm / 8 x 8 inches)
- Scissors
- Ruler
- Pencil with an eraser on top
- Drawing pin

How To Make

1. Fold your card in half to form a triangle. Unfold and do the same in the opposite direction.
2. Unfold the card and you will be able to see the centre point. Draw a small circle around this point, you could use a small coin to trace around.
3. Using the crease lines as a guide, decorate each smaller triangle differently, on both the back and front of the card.
4. Once decorated, begin in each corner and cut along the crease lines towards the centre circle. Only cut to the outer edges of the circle. You should have 4 lines cut.
5. Carefully pull the edge point of each corner into the centre point.
6. Secure with a drawing pin in the very centre of the circle.
7. Using the sharp end of the drawing pin, secure it to the eraser on your pencil top.
8. This should produce your home made windmill.

See wind energy in action by blowing hard on your windmill or make it turn. Or stand outside and watch the power of wind rotate each paddle.

Imagine now the large windmills you see in wind farms. They move in the same way as your homemade windmill and the power produced by the rotating paddles can be turned into electricity and used to power our homes, schools and businesses.



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