

Wind Power

As Scotland and the rest of the world continue to work towards generating all electricity from renewable sources, wind power is incredibly important.

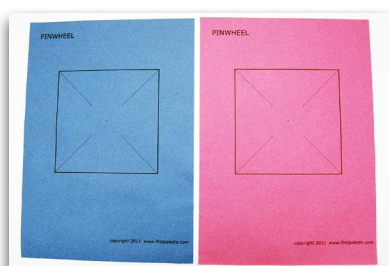
Find out how it works in [this video](#), and follow the instructions below to make your own wind powered pinwheel at home!

Pinwheel

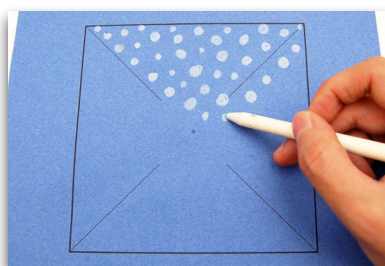
You will need:

- Paper or card
- Scissors
- Glue stick
- Crayons or pens
- Pencil with a rubber on the end
- Push pin

Method:



1. Make a pair of squares.
Start out by cutting two identical squares from paper or card.



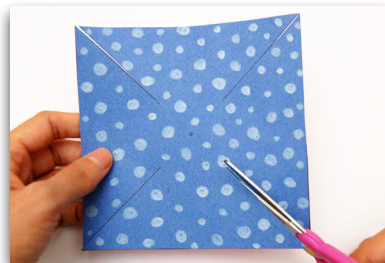
2. Decorate the squares.
You can leave the squares plain or draw some patterns or designs on them.



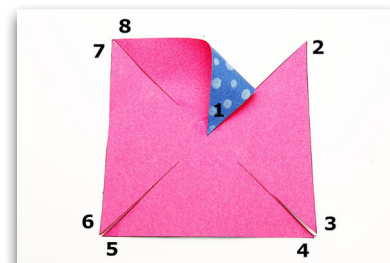
3. Cut out the squares.
Cut out both paper squares.



4. Glue the squares together.
Glue the undecorated sides of the squares together, covering the whole square. Let the glue dry.



5. Cut four slits.
Cut four diagonal lines starting from the corners going up halfway to the center of the square.



6. Bring one tip to the center.
Take one tip (#1) to the center of the square without creasing the paper. Glue the tip in place or hold it with your hand for the next steps.



7. Next tip to center.

Take tip 3 to the center of the square. Glue it in place or hold with your hand.



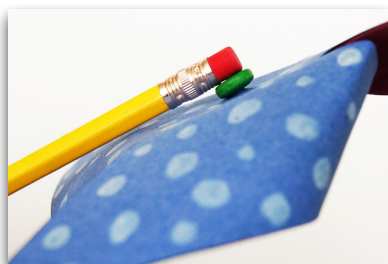
8. Remaining tips to center.

Take tip 5 and 7 to the center. Glue in place or hold with your hand.



9. Insert a push pin.

Insert a push pin at the center. Wiggle the push pin to make the hole a bit larger.



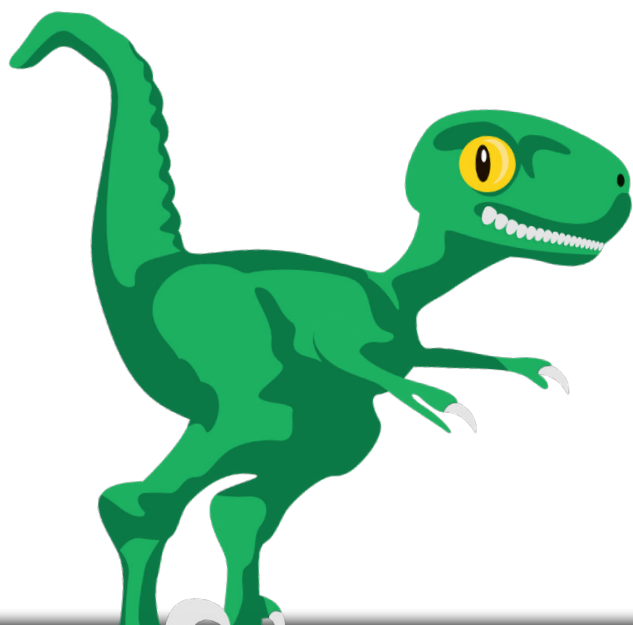
10. Attach to a pencil.

Attach the pinwheel to a pencil's rubber. Don't push on too tight to allow the pinwheel to spin more freely.



11 Enjoy your pinwheel.

Finally, try blowing at the edges of the pinwheel to make it spin. Loosen the pin a bit if the blades do not rotate well. Enjoy!



Dino's

If you'd like to join us and make more science-based crafts like this, consider becoming a free member of our Saturday Kids Club; Dino's! Get more information and sign up [here](#)!