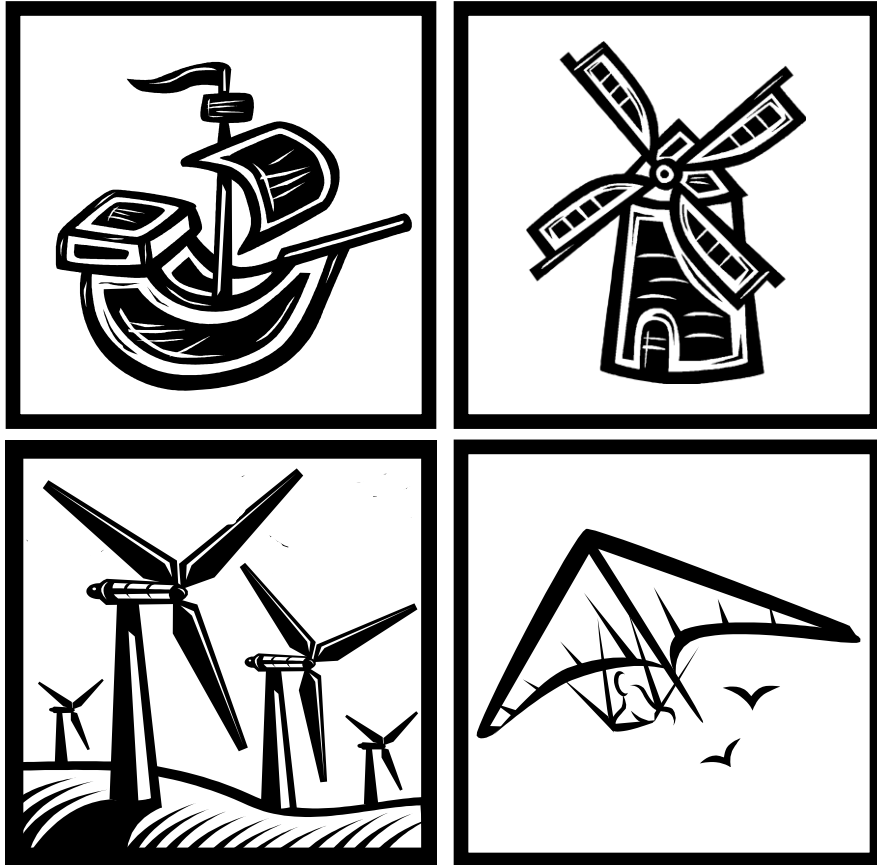


# **HOW TO USE THE WIND**

## **workbook and activities for children**



## Who Has Seen the Wind?

Who has seen the wind?  
Neither I nor you:  
But when the leaves hang trembling,  
The wind is passing through.

Who has seen the wind?  
Neither you nor I:  
But when the trees bow down their heads,  
The wind is passing by.

Christina Rossetti



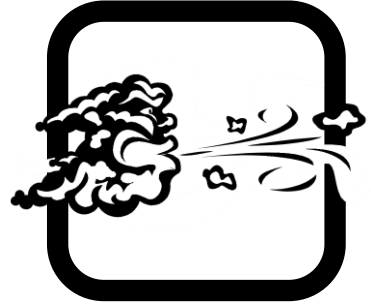
color me!

Draw a line to match the picture with the definition, then fill in the spaces for the correct word.



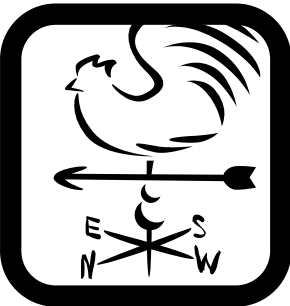
A twister that forms over land.

Grab your umbrella if you know it is going to do this.



This will tell you the direction that the wind is coming from.

This symbol means a large storm from the tropics is here.



A twister that forms over water.

This helped Benjamin Franklin learn about electricity.

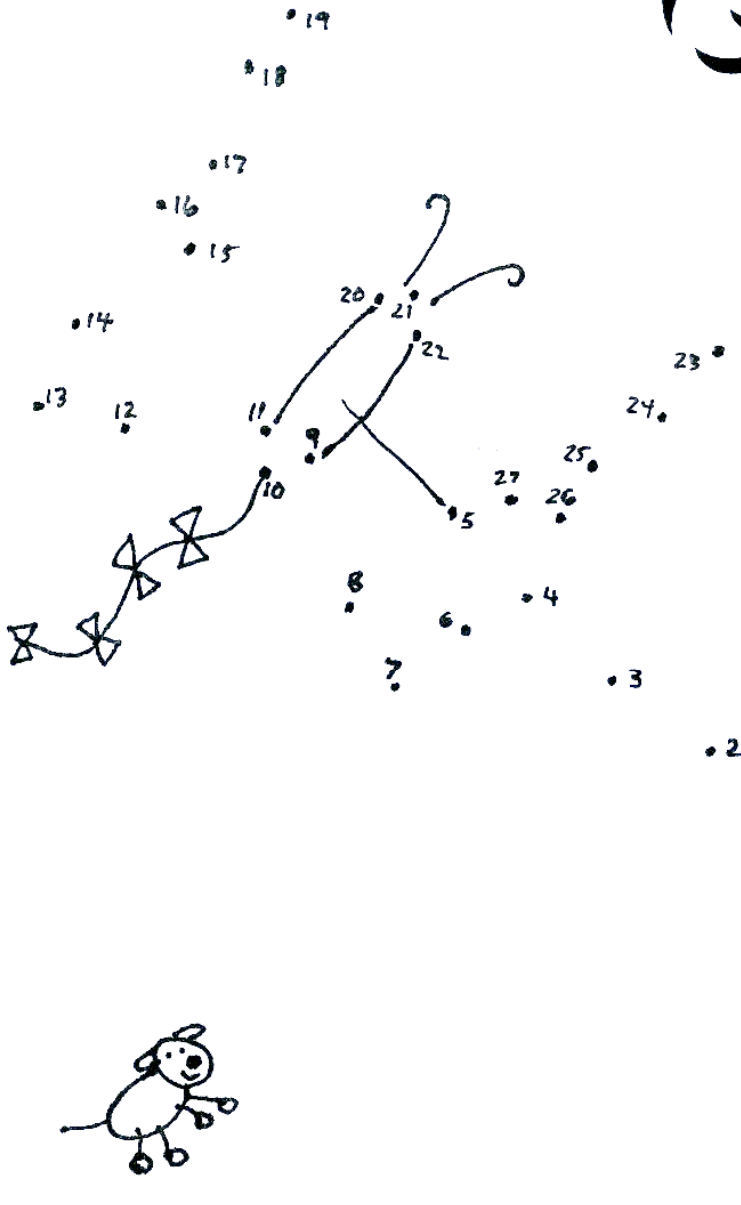
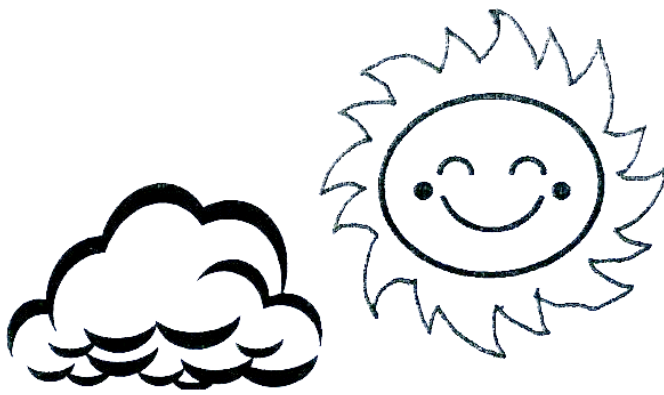


It always helps to have this when trying to fly a kite.

This can heat up the Earth, which will make air warm and rise.



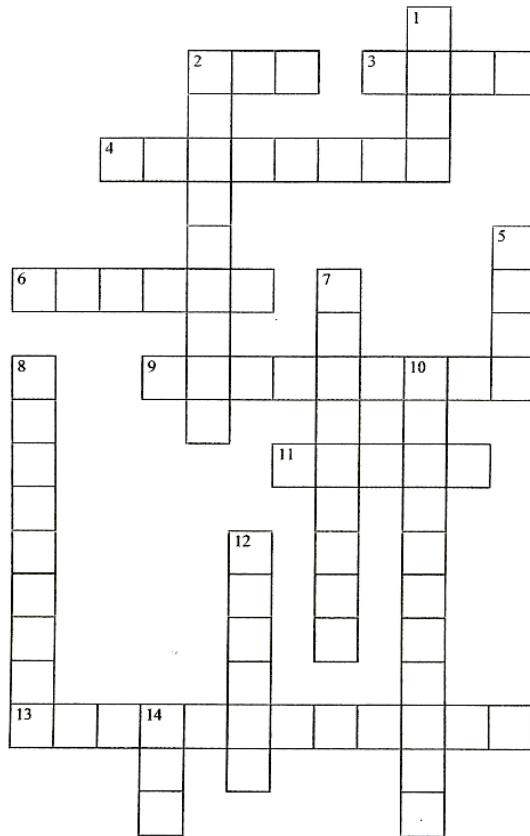
Color me!



Connect the dots and see what kind of kite is flying

# The Answers My Friend....

Are Blowing In The Wind



## ACROSS

- 2 This heats up the earth
- 3 Used to hold up the sail on a boat
- 4 These were used to grind corn or wheat and sometimes for pumping water
- 6 Orville's brother
- 9 This happens when cool air above the ocean moves toward land
- 11 Warm air \_\_\_\_\_ and cold air sinks
- 13 Just like hang-gliding and windsurfing this new sport uses the wind too

## DOWN

- 1 Used to catch the wind on some boats
- 2 These hills of sand were a great place for the Wright brothers to test their gliders
- 5 Benjamin Franklin used one while experimenting with lightning
- 7 A strong tropical storm with winds over 74 miles per hour
- 8 Place where the Wright Brothers flew
- 10 We can use wind to create this and light up our homes
- 12 Wind is air in \_\_\_\_\_, or simply moving air!
- 14 Even though it has one of these a hurricane still can't see

# How to Make Your Own Kite

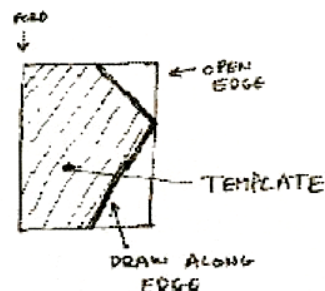
(make sure to have your parents help you!)

## Materials Needed:

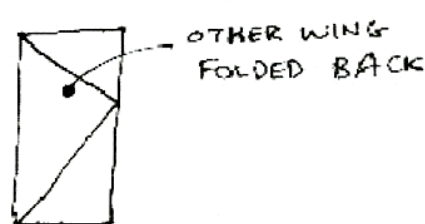
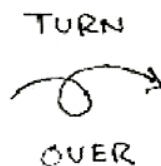
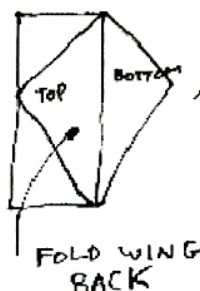
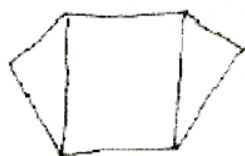
- 1 - Sheet of newspaper cut to 10" x 14"
- 2 - 10" barbecue skewers or small wooden dowels
- 3 - 2' lengths of Crepe paper or lightweight cloth 2" wide;
- 1 - off Line Card;
- 3 - feet (1m) sewing thread for the bridle;
- 18 - feet sewing thread or lightweight string for the flying line.

1. Fold the sheet of paper in half...
2. Draw around the template, placing the long edge of the template along the fold of the paper...

3. Carefully cut along the two drawn lines to make the wing shape. Make sure both top and bottom pieces of paper are cut at the same time...



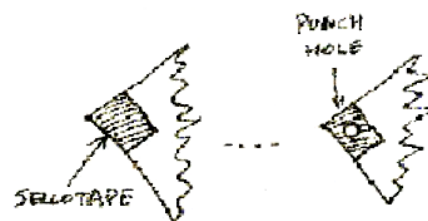
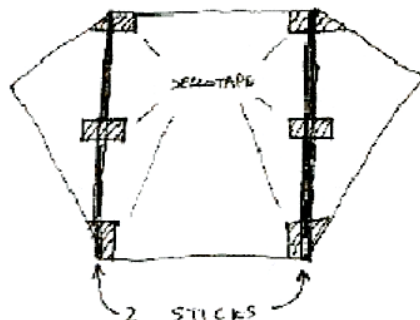
4. Fold the top wing back towards the folded edge, so that it just touches it...
5. Turn the paper over and fold the other wing in the same way...



6. Open out the kite and place it on the table so that the wings point UP...
7. Now color in the kite! Using bright colors and bold designs is best, they show up well when the kite is flying...

8. Put a piece of tape over each wing-tip, then punch a hole in each piece...

9. Attach the sticks along the wing folds using 3 pieces of tape about 3cm long for each stick...



10. Tape together 3 lengths of colored crepe paper strip to make a long tail...

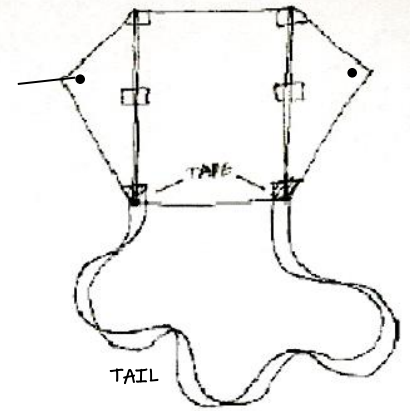
HOLE FOR BRIDLE  
STRING

11. Tape the ends of the tail to the bottom of the sticks to make a loop...

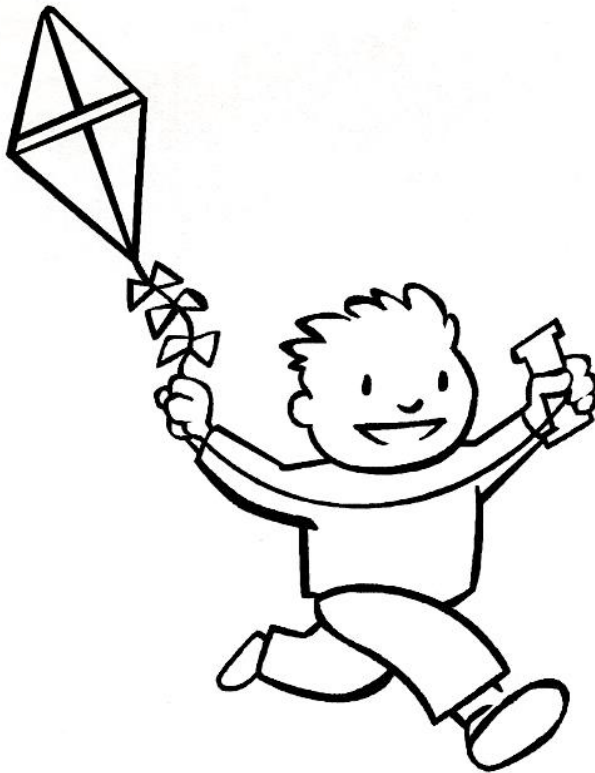
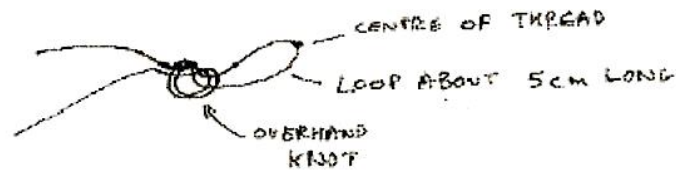
12. Get a length of thread ( $\pm 1\text{m}$ ) and tie to the holes in the wing-tips...

13. Tie an overhand loop exactly in the center of the thread to make the  
bridle...

14. Get a line card and tie the free end of the line to the small loop in the  
bridle...



# NOW GO FLY IT!!!



color me!