

# Science: Air and Wind

1st & 2nd Grade  
Print & Digital





# What is Included?


Google Slides  
Versions


Student Book

4 Labs

**collect data:** Complete the chart to record the direction the wind blows.

Date: 5/17

Is the wind blowing north, east, south, or west? 

Are there any clouds? 

**WHICH way does the WIND BLOW?**

Name: Julie Bochese





**Objective:** to understand that air blows in different directions

**Materials:** paper plate, clay, straw, tissue, compass

**Procedure:**

1. Build a weather vane by:
  - Label a paper plate N, S, E, W.
  - Tape a piece of tissue paper to the top of the straw.
  - Stick a piece of clay in the middle of the plate. Put the straw with the tissue paper in the center.
2. Observe the wind with your 5 senses. Record observations on the chart. (Be sure to use descriptive adjectives!)
3. Record your hypothesis.
4. Use your compass to determine the direction to hold your weather vane.
5. Take your weather vane outside. Observe which direction the wind is blowing. Record your results in your chart.
6. Analyze your data.

**observe:**

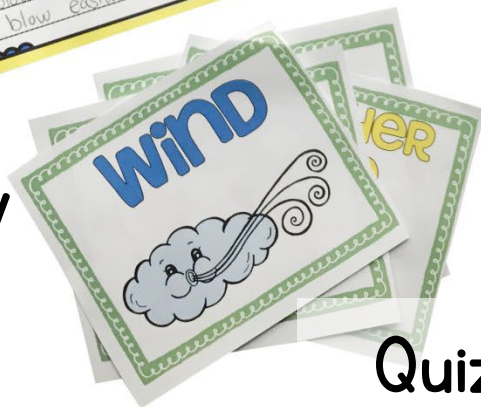
				
Wind	I can't see wind, but I see it moving objects like trees.	No scent	whooshing sound	cool

**hypothesis:** What do you think will happen to the wind vane?

I think that the wind vane will blow to the east because the trees blow eastward.



Vocabulary  
Cards



Quiz



# All About Wind & Air

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# All About Air



By: \_\_\_\_\_

Date: \_\_\_\_\_

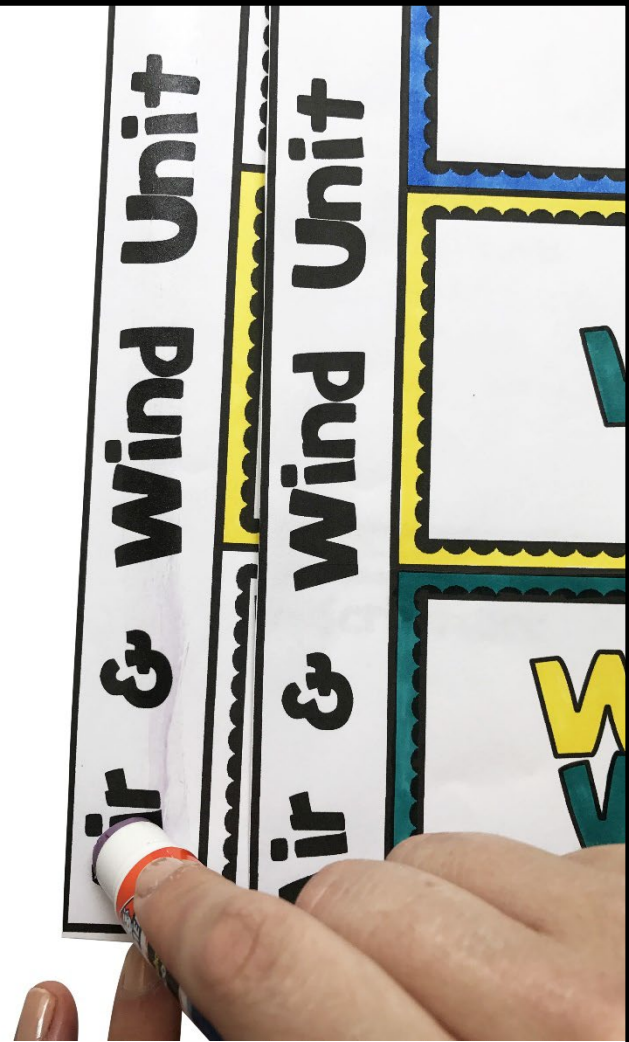
Label where there is air in the picture.



Air is all around us. Air is everywhere. You

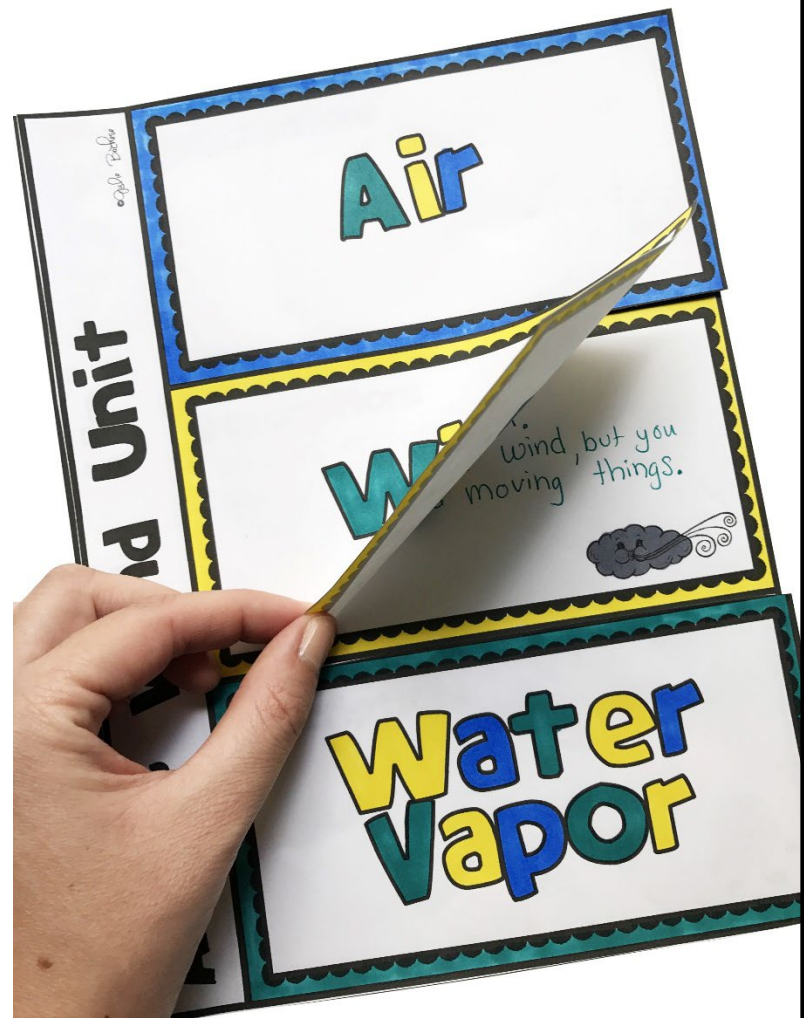
\_\_\_\_\_ (can/ cannot) see air.





## FLIP FLAP ACTIVITY DIRECTIONS

1. Print pages l-sided.
2. Cut the page with the vocabulary words along the solid lines.
3. Staple or glue the margin of each page together to make a book.
4. Fill in the facts and color.



Name: \_\_\_\_\_ Date: \_\_\_\_\_

## What is Wind?





**Objective:** to understand that air is all around us and moving air is wind.

**Materials:** bubbles, bubble wand

### Procedure:

1. Blow bubbles outside.
2. Observe what happens to the bubbles. Do they move in a certain direction? Does the direction change depending on where you are?
3. Record your results in your chart.
4. Analyze your data.

### Observe:

				
Wind				

**Hypothesis:** *What do you think will happen?*

What direction do you think the bubbles will go? \_\_\_\_\_

Do you think bubbles will move around corners? \_\_\_\_\_

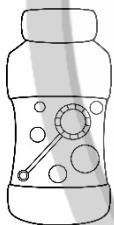
What speed will the bubbles move at? \_\_\_\_\_



**Collect Data:** *Complete the chart to record your observations with bubbles.*

What direction do the bubbles blow in? (North, South, East, West)	Do the bubbles go around corners?	What speed do the bubbles move at? (fast? Slow?)

**Interpret Data:** *Write sentences explaining the data you collected. What does the movement of the bubbles tell you about wind?*



What direction was the wind blowing?

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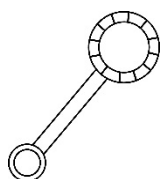
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Does air go around corners or buildings?

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How fast was the wind moving today?

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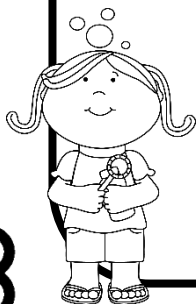


## Drawing Conclusions:

My hypothesis was \_\_\_\_\_ (correct/ incorrect). I discovered... (What did you learn about air and wind?)

**Reflections:** *What questions do you have? What do you wonder? Would you do this experiment in a different way?*

Draw a picture of your experiment:



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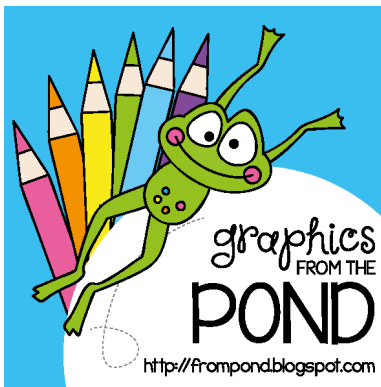
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children's illustrator

