

Name: _____

Bernoulli's Principle
Experiment 2

EXPERIMENT

2

Question: *What happens when you blow air underneath and parallel to a piece of paper?*

Hypothesis: _____

Procedure:

Step 1

Place two equally high stacks of books on your desk. Separate the stacks by about three inches.

Step 2

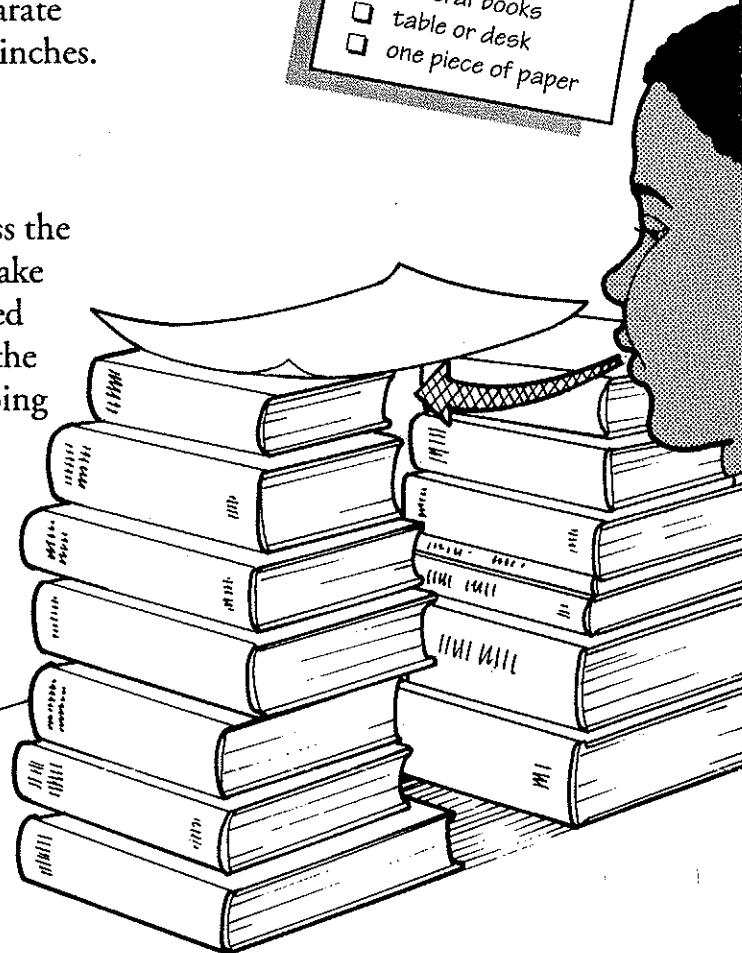
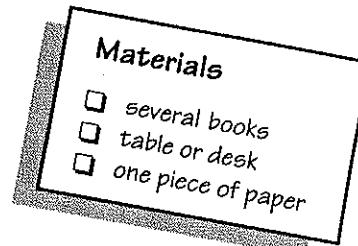
Lay a piece of paper across the top of the two stacks. Make sure the paper is supported enough to lay flat across the two stacks without drooping in the center.

Step 3

Blow air underneath and parallel to the paper.

Step 4

Repeat this experiment several times.



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Results and Conclusions:

1. What happened? Record your observations. _____

2. How well did the results support your hypothesis? _____

3. When you repeated the experiment, did you get the same results?
How do you explain that? _____

4. What do you conclude from this experiment? _____

5. What further questions about Bernoulli's Principle might you
explore? _____

Science Challenge: Set up an experiment to test this question:
Can Bernoulli's Principle be applied to a piece of fabric?

Write your question, hypothesis, procedure, and materials list on another
sheet of paper. Then test the hypothesis and record your conclusions.