



“Princess Hyacinth: the surprising tale of a girl who floated” by Florence Parry Heide ; illustrated by Lane Smith ; design by Molly Leach

The Floating Princess Experiment

Materials needed:

A strip of paper measuring 8 1/2” x 2”

Pencil, crayons or markers

First:

Draw a picture of Princess Hyacinth at one end of the strip of paper.



Procedure:

Hold the strip of paper so the very edge of the 2” side is placed firmly under your lower lip. The paper should be hanging vertically in front of your chin. Blow air strongly from your mouth. At first you will be blowing across only a small portion of the strip of paper...the portion closest to your mouth. Observe what happens to the paper as you continue to blow air.

Result:

The paper will rise! As you blow air across the paper, the air moving on the top side of the paper is traveling faster than the air on the bottom side of the paper. Underneath the paper there is higher air pressure. This creates “lift” which pulls the paper upwards. Neat-o!

(The Floating Paper Experiment was created by Jody Hildreth at kidwings.com)