



Science Fair Projects

Pre-K to 2nd Grade

<u>Air (air pressure)</u>
Purpose To prove if air can hold up water.
Materials Drinking glass, card the size of a postcard, and water.
Experiment Fill the glass to overflowing. Lay the card on top of the glass. Hold the card down with one hand. Turn the glass over. Remove your hand. Watch what happens! What happened to the water in the glass? _____ _____ What happens if you tilt the glass? _____ _____ <i>Results:</i> Air pushes in all directions. The air pressure pushing up under the card is greater than the pressure of the water pushing down. The card stays in place.

This project is from Daryl Vriesenga's book, *Science Fair Projects, Grades 1-3*, Michigan, Schaffer Publications, 1992. The Guide is available on line at: SchooDoodle.com