



Science Fair Projects

Pre-K to 2nd Grade

Magnets (attraction)

Purpose

Can you answer this riddle? “I am strong, I am attractive. And I have muscles of iron. Who am I?” If you said a magnet, you are right. How strong are some of the magnets that you have?

Materials

3 different sized magnets, small paper clips, and masking tape.

Experiment

Tape a magnet to the table so that one end hangs over the edge.

Draw a picture of it on the record page.

Bend open one end of a paper clip and touch it to the bottom of the magnet.

Hang other paper clips on the open one until it becomes too heavy and falls.

Count the number of paper clips it held and record the number.

Now test each of the other magnets and fill in the chart.

Results: Magnets come in all shapes and sizes. Does the size and shape determine the strength?

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