

Xperiments with **Magnets**

#2 FLOATING MAGNETS

MAKE A MAGNET FLOAT IN MIDAIR!

NEEDED:

- two or more ring magnets
*If you want to purchase these magnets from Dowling, try our item # SS10.
- a pencil or straw

INVESTIGATION:

Push a pencil through the hole in the two ring magnets until they come together, or attract. Now remove the top magnet, flip it over, and slide it back over the pencil. It will magically float above (or repel from) the other magnet. Try to add a third or fourth magnet. How many can you float? Now slowly push the bottom magnet off the pencil. Did the magnet "jump" off the pencil?

EXPLANATION:

All magnets have a north and south, or positive and negative pole. Opposite poles attract each other, and like poles repel.