



Magnets

Teacher's Notes

Supplies (for a class of 28 students):

1. *What Makes a Magnet* (by Franklyn Branley; ISBN 0-06-445148-8)
2. 14 Magnet Discovery Kits
3. 14 Everyday objects bags
4. 14 Wooden tongue depressors
5. 14 Clear plastic cups
6. 14 Plastic baggies
7. 28 Student lab books (3rd - 6th grades) or Exploring Magnets Lab book (K - 3rd grades) - available in English or Spanish
8. 30 pencils
9. Colored Pencils (3 boxes)



Introduction:

This lab has 2 sections. Read the book at the beginning so that everyone has the necessary background to complete all of the activities. Activity 2 is a self-paced exploration for 4th - 6th graders. For grades K-2, the first two activities in the Exploring Magnets lab Book will fill a 45-minute time slot. For grades 2nd and 3rd you can proceed farther into Exploring Magnets Lab Book. The material given here is best presented in a two-week series.

Activity 1: Book and Group Discussion

For Daisies and young Brownies, start the lab with reading the magnet book titled *What Makes a Magnet*. As you read the book, you may wish to do the experiments as demonstrations for the girls. Most of the supplies you need are provided in the kit. For the older girls, proceed directly to the activities. The girls will learn through the experiments the information that is contained in the book.

Activity 2: Exploring the Magnet Set

Pass out a magnet discovery kits and an everyday objects pack to each team of girls. In addition, pass out a lab notebook and a pencil to each girl. In going through the exercises remind the girls to record their predictions, observations, and results in their lab notebook.

For younger girls pass out the magnet sets, the everyday objects pack to each team and a Magnet Discovery lab book and pencil to each girl. Note that the Magnet Discovery lab books are available in Spanish and English.