

# Introduction

**Earth Science activity book** includes fun science activities related to earthquakes, plate tectonics, the atmosphere, layers inside the Earth, sand at the seashore and how sound travels through the solids, liquids, and gases.

**We believe that students learn by doing science.**

## Old Chinese Proverb

**I hear, and I forget**

**I see, and I remember**

**I do, and I understand**

**Each activity contains the following:**

- ◆ The **Introduction** is a brief statement about the activity and other information you might like to know before you start the activity.
- ◆ **Science behind the activity** at the end of the activity. This information explains science principles or current science research related to the activity that you might find interesting.
- ◆ **Pictures** are designed to increase your understanding of how to do the activity before you start.
- ◆ **Materials** in each activity are often found around the home. Often recycled materials can be used for the activities also.
- ◆ **Directions** are written in a clear easy-to-understand format.
- ◆ **More science activity ideas** provides other ideas that you might like to try after doing the activity.
- ◆ **Activity Notes** is a place where you can write your predictions, general notes and any other thing you want to remember about the activity.

# Magnetic Cereal

## Activity 9

### Introduction

Iron is an important element in peoples diets. Manufactures of cereals often add iron when making their products. In this activity you will be checking to see if various cereals include iron.



### Materials

- ◆ Three samples of cereal one of which should be fortified with iron
- ◆ Plastic sandwich bags
- ◆ Large dowel or rolling pin
- ◆ Magnet (horseshoe, bar, or round)
- ◆ Paper plate
- ◆ Small bowl

### Directions

1. Take about 28 g (1 ounce) of cereal and place it in the sandwich bag.

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