

Introduction

Weather affects what we do every day. Sunny days are fun to be outside playing games while snowstorms bring fun times afterward that include playing in the snow. The activities in this fun book on weather include are designed to teach you about a variety of things related to weather.

Old Chinese Proverb

I hear, and I forget

I see, and I remember

I do, and I understand

This book is dedicated to children everywhere who love to do science activities.

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.
- ◆ **Pictures** are designed to increase your understanding of how to do the activity.
- ◆ **Materials** in each activity are often found around the home. Often recycled materials can be used.
- ◆ **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.
- ◆ **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.

Upside Down Air Pressure

Activity 1

Introduction

This fun activity can easily be done outside in a grassy area or over a sink inside the house. You will be able to see how air pressure can keep the water from flowing out of the plastic cup when you let go of the cardboard and hold it by the bottom of the cup.



Materials

- ◆ Plastic cup
- ◆ Index card or thin piece of cardboard
- ◆ Sink or grassy spot outside
- ◆ Water

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