

Introduction

Earth is often called the blue planet because from space over 70% of the planet is covered with water. This book contains a number of fun activities about the different properties of water. Fun activities in this book include Penny Drop, Floating Clippies, Iceberg Ahead and Water Melodies.

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.

Penny Drop

Activity 1

Introduction

Drops of water from the tip of an eyedropper can be different sizes. As the drops fall from the eyedropper they can land on many different surfaces. Some surfaces absorb water while others do not. Surfaces that do not absorb water form small water drops on their surface. In this fun activity you see how many drops of water you can put on the head of a penny before the water overflows onto the napkin.



Materials

- ◆ Penny
- ◆ Eyedropper
- ◆ Small cup of water
- ◆ Napkin

Directions

1. Fill the small cup with water from your faucet.
2. Fill your eyedropper with water from the cup.
3. Set a clean dry penny on a napkin.
4. Drop a single drop of water onto the head of the penny.
5. Look carefully at the shape of the drop of water.
6. Is the drop of water flat, oval or does it form a small mound?

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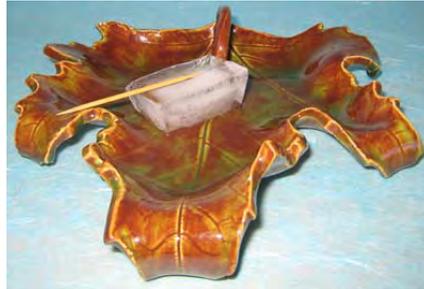
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