

The Rock Cycle

Introduction

Igneous rocks, sedimentary rocks, and metamorphic rocks are the three families that make up the rock cycle. Minerals are the building blocks of rocks. All rocks are made of one or more minerals.

Old Chinese Proverb

I hear, and I forget

I see, and I remember

I do, and I understand

I believe that students learn by doing science. This book is dedicated to children who love science and doing science.

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 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.
- ◆ **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.

Sedimentary Sandwich

Activity 5

Introduction

Clastic sedimentary rocks form when rivers deposit layers of mud, pebbles, leaves, and animal debris collect offshore in an ocean. In this activity you will be creating a cracker sedimentary sandwich with layers of peanut butter and jelly.



Peanut butter and jelly cracker sedimentary sandwich

Materials

- ◆ Honey graham crackers
- ◆ Chocolate graham crackers
- ◆ Chunky peanut butter
- ◆ Strawberry or raspberry jam

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