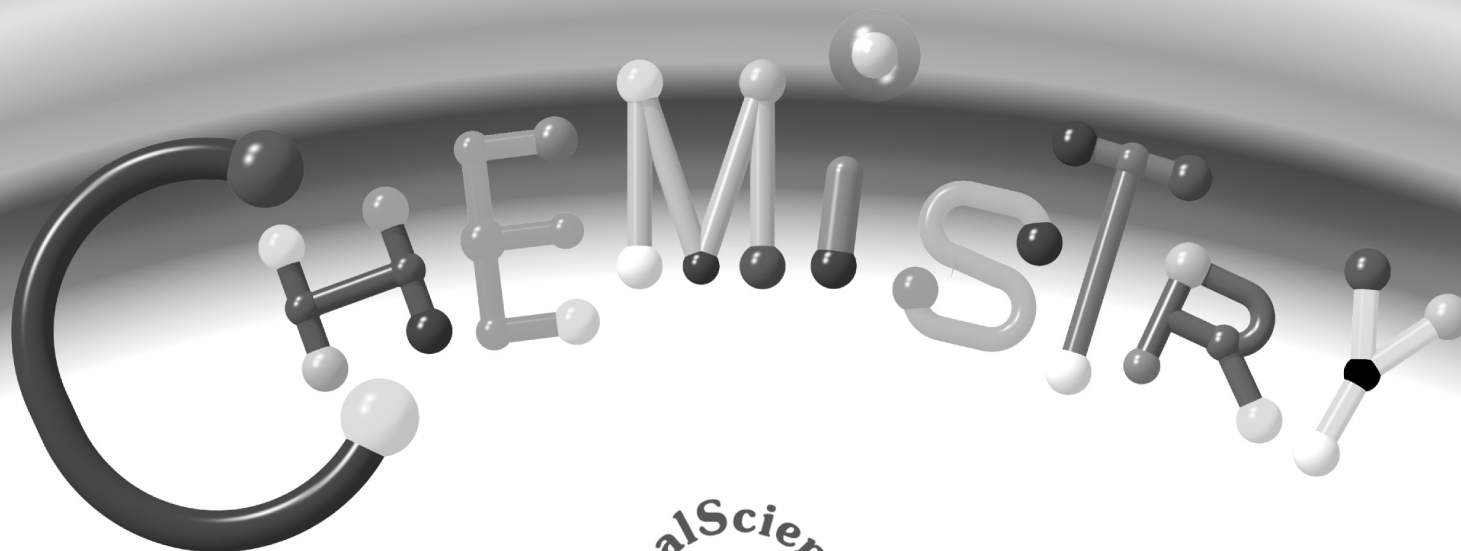


Real Science-4-Kids

Student Workbook

Pre-Level I

Dr. R. W. Keller





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Real Science-4-Kids: Pre-Level I Chemistry Laboratory Workbook

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To :

*Kimberly, Christopher, Katy, Lee, Lorien,
Sam, Ben, Joshua, and Joseph*

A note from the author

Hi! In this curriculum you are going to learn the first step of the scientific method:

Making good observations!

This workbook has four sections. In Section I, you will answer some questions. This section is called "Think about it." In Section II you will "Test it." Here you set up an experiment to observe. In Section III: "What did you discover?" you will write down or draw what you observed in the experiment. In Section IV: "Why?" you will learn about why you may have observed certain things.

These experiments will help you learn the first step of the scientific method and... they're lots of fun!

Enjoy,

Dr. Rebecca W. Keller

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Experiment 1

What is it made of?



I. Think about it.

Describe and draw what you think.

II. Test it.

Describe and draw what you see.

I. Think about it.

Describe and draw what you think.

II. Test it.

Describe and draw what you see.

I. Think about it.

Describe and draw what you think.

II. Test it.

Describe and draw what you see.

III. What did you discover?

1. Were the things you looked at the same or different than what you expected?

2. How were they the same?

3. How were they different?

4. Did you expect the inside of the things to be the same or different?

5. Which ones were the same?

6. Which ones were different?

IV. Why?

When we look at things around us, we often don't notice small details. In fact, some things are too small to see with our eyes. Atoms, for example, are too small to see with our eyes, but we know that everything is made of atoms.

When we take time to look for small details, we often find amazing things we have never seen before. For example, we notice that some of the things we see are similar to each other. Crackers, for example, have some things that are the same about them. Many crackers are square or round. However, we also notice that even though two things may seem the same, they are not exactly the same. No two round crackers are exactly the same and no two square crackers are exactly the same. Each one is unique. We can see how things are unique when we look at the little details.

The same is true of you. You may look similar to your mom or dad or sister, but you are not exactly the same. You, too, are unique.