

# Kolbe Academy Home School

## KINDERGARTEN SCIENCE

*Science and Living in God's World K*

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**Teachers' Notes:** Begin every class with a prayer. This is a good way to help the child memorize new prayers. Repeat the same ones every day until they are known. Be sure to explain the meanings of the prayers. Repetition in all areas of study is most important. Art and music should be worked into daily work as often as possible.

Science in Kindergarten should be fun and a good way to introduce the child to the wonders of God's Creation in the World. It should reinforce the lessons learned in Religion. He should begin to understand at this early age, without having it put into words, that Religion and Science cannot contradict each other. God created the world and everything in it. Science is the study of that world.

**COURSE TITLE:** Science**COURSE OBJECTIVES:**

The kindergarten science program gives the student their first look into the beauty of God's wonderful creation. At the kindergarten grade level, science involves the very basic concepts of the natural world around the student. The course, used in conjunction with the *Science Experiments to Accompany Science and Living in God's World*, will help the student begin their journey of scientific inquiry, knowledge, and experimentation.

**COURSE DESCRIPTION:**

Students will cover topics in

1. Human body
2. The Weather
3. The Seasons
4. Seeds
5. Animals
6. Plants
7. The Environment

**SKILLS TO BE DEVELOPED:**

1. Scientific inquiry
2. Understanding the scientific method
3. Drawing conclusions

**INTERNET:** The internet can be easily used as a source for supplemental material. At the time of publication, the following web sites were found to be useful. You can easily do a search on the internet to find additional web sites by searching for 'kindergarten science' or 'kindergarten science experiments'.

<http://www.homeschoolscience.com/>

<http://www.krampf.com/> Make sure to sign up for his weekly science experiment.

<http://www.fi.edu/>

<http://school.discovery.com/>

<http://www.nasa.gov/audience/forchildren/home/>

<http://www.9news.com/spangler/>

<http://hastings.ci.lexington.ma.us/staff/SLee/science/>

**COURSE TEXT:** *Science and Living in God's World 1A ~ Kindergarten*  
*Science Experiments to Accompany Science and Living in God's World*

**COURSE PLAN METHODOLOGY:** The assignment from *Science and Living in God's World* is given in the first column and row of each weekly course plan. Teacher's notes, hints, and other commentary are located next to the corresponding assignment. The rows that are marked "**Experiment**" correspond to the book *Science Experiments to Accompany Science and Living in God's World*.

Kolbe Academy has worked diligently to create the best possible course plans with the home schooling family in mind. Remember, however, that our program is intended to be flexible. Per the principle of subsidiarity, these course plans are a **suggested** course of study. As the teacher, you should adapt and modify these course plans to meet the individual learning needs of your child. **Do not feel obligated to follow these course plans exactly.**

◆◆◆ FIRST QUARTER ◆◆◆

| WEEK 1               |   |
|----------------------|---|
| Page 1 – 2<br>Unit 1 | Read page 1 to the child. Discuss creation and color the picture. God made everything out of nothing. Man can make things but only by using things God created. Do Activity #1 on page 2.       |
| Experiment           | Do the experiment on page 43 of the Science Experiment book.  |
| Experiment           | Do the experiment on page 46 of the Science Experiment book.  |
| Notes                |   |
| WEEK 2               |   |
| Page 3<br>Unit 1     | Read and discuss page 3. Remind the student of the Religion lesson and explain that when we talk about science, we are talking about what God created. Color the picture.                       |
| Experiment           | Do the experiment on page 32 of the Science Experiment book.  |
| Experiment           | Solid, liquid, and gas experiment: Make a root beer float. Ice cream is the solid, root beer (or any kind of soda) is the liquid and the bubbles are the gas. Explain solids, liquids, and gas. |
| Notes                |   |
| WEEK 3               |   |
| Page 4<br>Unit 1     | Read and discuss page 4. Color the picture.   |
| Experiment           | Do the experiment on page 28 of the Science Experiment book.  |
| Notes                |   |