

<b>Course Title: GRADE ONE SCIENCE-A</b>	<b>Course Description</b>
<p><b>Course No.</b> N/A <b>Grade Level:</b> 1</p> <p><b>Text and Resources:</b>  A. <i>Science: California Edition, Grade One</i>; Harcourt  B. <i>Focus on Science, Level A</i>; Steck-Vaughn</p>	<p><b>Course Duration:</b> *One Semester</p> <p><b>Credit Value:</b> One Course</p>
<b>Course Content: Key Content Standards and Course Objectives</b>	
<p><b><u>Physical Sciences</u></b>  Materials come in different forms (states) including solids, liquids, and gases (1-1a,b).</p> <p><b><u>Life Sciences</u></b>  Plants and animals meet their needs in different ways. (1-2a-e).</p> <p><b><u>Earth Sciences</u></b>  Weather can be observed, measured and described. (1-3a-c).</p> <p><b><u>Investigation and Experimentation Skills</u></b></p> <p>Students will ask meaningful questions and conduct careful investigations related to the other three strands.</p> <ol style="list-style-type: none"> <li>1. Students will draw pictures that portray some features of the thing being described. (1-4a).</li> <li>2. Students will record observations and data with pictures, numbers, and/or written statements (1-4b).</li> </ol>	<p>This course introduces concepts that serve as the bases for the development of scientific thinking. Observation of natural objects is stressed throughout all the strands that include Physical, Life and Earth Sciences as well as an investigation and observation strand.</p> <p>The primary and elementary school standards provide the foundational skills and knowledge for students to learn core concepts, principles, and theories of science at the high school level. The standards are organized in sets under broad concepts and call for early introduction of science facts and terms.</p> <p>*Open entry/open exit</p>
<b>Methods of Study</b>	<b>Evaluation of Performance Standards</b>
<ol style="list-style-type: none"> <li>1. Students will complete all activities assigned.</li> <li>2. Students will participate in discussion with other class members and/or teacher.</li> </ol>	<ol style="list-style-type: none"> <li>1. Students will complete all assignments and assessments with a minimum of 70% accuracy.</li> <li>2. The supervising teacher will be satisfied with the quality of the student's work.</li> </ol>

# GRADE ONE SCIENCE A

## Course Outline

### I. Textbook Assignment Options:

#### A. *Science: California Edition Grade One (1 Course)*

- Complete all activities in Chapters 1-5.
- Complete all activities in Practice Workbook for Chapters 1-5.
- Complete one Extension Activity

#### B. *Focus on Science, Level A (1 Course)*

- Complete all activities in textbook.
- Complete one Extension Activity

### II. Extension Activities

- A shelter is a type of home. Think about what you get from your home. Make a list of what your home provides for you in the way of shelter. (Example: a place to sleep, protection from the rain)
- Make a model of a tree out of construction paper. Use brown paper for the trunk and branches, green paper for the leaves, and white paper for the roots. Label the parts of your tree, or draw a tree using those same colors and label it.
- Think about the different positions of the sun in our sky throughout the day. What affect does this have on shadows? Take someone outside and explain to him or her what you know about shadows. Give examples using your own shadow.
- Teacher generated activity, approved by the site administrator.

### III. Evaluation

- Unit and/or final test.
- All textbook work must meet the 70% accuracy level for a “C” grade.