

Course Title: GRADE THREE SCIENCE-A	Course Description
<p>Course No. N/A Grade Level: 3</p> <p>Text and Resources: A. <i>Science: California Edition Grade Three</i>; Harcourt B. <i>Focus on Science, Level C</i>; Steck-Vaughn</p>	<p>Course Duration: *One Semester</p> <p>Credit Value: One Course</p>
<p align="center">Course Content: Key Content Standards and Course Objectives</p>	
<p><u>Physical Sciences</u> 1. Energy and matter have multiple forms and can be changed from one form to another (3-1a-i).</p> <p><u>Life Sciences</u> Adaptations in a physical structure or behavior may improve an organism's chance for survival (3-2a-e).</p> <p><u>Earth Sciences</u> Objects in the sky move in regular and predictable patterns (3-4a-e).</p> <p><u>Investigation and Experimentation Skills</u> Students will ask meaningful questions and conduct careful investigations related to the other three strands. 1. Students will differentiate evidence from opinion, and know that scientists do not rely on claims or conclusions unless they are backed by observations that can be confirmed (3-4b). 2. Students will use numerical data in describing and comparing objects, events and measurements. (3-4c).</p>	<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>
<p align="center">Methods of Study</p>	<p align="center">Evaluation of Performance Standards</p>
<p>1. Students will complete all activities assigned. 2. Students will participate in discussion with other class members and/or teacher.</p>	<p>1. Students will complete all assignments and assessments with a minimum of 70% accuracy. 2. The supervising teacher will be satisfied with the quality of the student's work.</p>

GRADE THREE SCIENCE A

Course Outline

I. Textbook Assignment Options:

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

- Read and 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 C (1 Course)*

- Read and complete all activities in textbook.
- Complete one Extension Activity.

II. Extension Activities

- Write a single paragraph that compares and contrasts a simple machine and a compound machine. Include the definitions and two examples of each in your paragraph.
- Pick two of the following to draw and label:
 - development of an oak tree
 - life cycle of a conifer tree
 - life cycle of a flowering plant
 - life cycle of a bear, bird, or turtle
- What are the four parts of an insect and plant? List the parts along with an insect example and a plant example for each part.
- Draw and label a plant cell and an animal cell. Write a few sentences describing their similarities and differences.
- 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.