

Course Title: GRADE THREE SCIENCE-B	Course Description
<p>Course No. N/A Grade Level: 3</p> <p>Text and Resources: <i>A. Science: California Edition, Grade Three; Harcourt</i></p>	<p>Course Duration: *One Semester</p> <p>Credit Value: One Course</p>
Course Content: Key Content Standards and Course Objectives	
<p><u>Physical Sciences</u> 1. Energy and matter have multiple forms and can be changed from one form to another (3-1 a-i). 2. Light has a source and travels in a direction (3-2a-d).</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>
Methods of Study	Evaluation of Performance Standards
<ol style="list-style-type: none"> 1. Students will complete all activities assigned. 2. Students will participate in discussion with other class members and/or teacher. 	<ol style="list-style-type: none"> 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.

GRADE THREE SCIENCE B

Course Outline

I. Textbook Assignment Option

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

- Read and complete all activities in Chapters 6-10.
- Complete all activities in Practice Workbook for Chapters 6-10.
- Complete one Extension Activity

II. Extension Activities

- Write a single paragraph that answers the following questions: How long does it take for Earth to make one complete rotation? What influence does this have on day and night? How long does it take for Earth to make one revolution around the sun? What influence does this have on the seasons?
- Pick two of the following to draw and label:
 - forest ecosystem
 - pond ecosystem
 - desert food chain
 - ocean food chain
 - carbon dioxide and oxygen cycle
- Draw and label an open circuit and a closed circuit. Explain how each circuit effects the flow of electricity.
- Draw and label a diagram of the solar system. Pick one of the planets and write a description of what it is like on that planet.
- 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.