

<b>Course Title: GRADE FIVE SCIENCE-B</b>	<b>Course Description</b>
<p><b>Course No.</b> N/A <b>Grade level:</b> 5</p> <p><b>Text and Resources:</b>  A. <i>Science: California Edition Grade Five</i>; McGraw-Hill  B. <i>Practice Workbook</i>; McGraw-Hill</p>	<p><b>Course Duration:</b> *One Semester</p> <p><b>Credit Value:</b> One Course</p>
<p align="center"><b>Course Content: Key Content Standards and Course Objectives</b></p> <p><b>The following standards are the Grade Five Science Standards:</b></p> <p><b><u>Physical Sciences</u></b>  1. Elements and their combinations account for all the varied types of matter in the world.</p> <p><b><u>Life Sciences</u></b>  1. Plants and animals have structures for respiration, digestion, waste disposal and transport of materials.</p> <p><b><u>Earth Sciences</u></b>  1. Water on Earth moves between the oceans and land through the processes of evaporation and condensation.  2. Energy from the sun heats the Earth unevenly, causing air movements resulting in changing weather patterns.  3. The solar system consists of planets and other bodies that orbit the sun in predictable paths.</p> <p><b><u>Investigation and Experimentation</u></b></p> <p>Students will ask meaningful questions and conduct careful investigations addressing the content of other three strands.</p>	<p>This course continues the introduction of basic scientific concepts and the observations that support them. Students will study concepts related to the physical science, life science and earth science strands and will conduct investigations and experimentations related to those strands.</p> <p>The elementary and middle school science 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.</p> <p>*Open entry/open exit</p>
<p align="center"><b>Methods of Study</b></p>	<p align="center"><b>Evaluation of Performance Standards</b></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 FIVE SCIENCE B

## Course Outline

### I. Textbook Assignment Option

#### A. *Science: California Edition Grade Five (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 multiple paragraph composition that answers the following questions: What are minerals? How can you identify a mineral? How do minerals form? What are minerals used for? Do minerals last forever?
- Create a poster showing the food guide pyramid. On your poster, list the name of each food group and give examples of foods in each group. Write a single paragraph explaining how the food guide pyramid works. Write a single paragraph describing healthy meals for breakfast, lunch, and dinner. List what food groups are used in each meal.
- Draw and label a diagram of the digestive system. In two to three paragraphs, explain how the digestive system works and the function of each part of the digestive system.
- Draw and label a picture of the heart. Write a single paragraph describing how the heart works. Draw and label pictures showing how blood travels to the lungs and how blood travels away from the lungs. Write a single paragraph explaining how the heart and lungs work together.
- 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.