Course Title: PRIMARY SCIENCE-B

Course No. N/A **Grade Level**: K-3

Text and Resources:

A. *Focus on Science, Level A*; Steck-Vaughn
B. *Focus on Science, Level B*; Steck-Vaughn
C. *Focus on Science, Level* C; Steck-Vaughn
D. *California Big Books:Plants, A Home Called Earth, Learn about Your World*
E. *Science: California Edition, Grade K-3; McGraw-Hill*

Course Content: Key Content Standards and Course Objectives

Physical Sciences

1. Properties of materials can be observed, measured and predicted (K-1a).
2. Materials come in different forms (states) including solids, liquids, and gases (1-1a)
3. Students will observe and measure the motion of objects (2-1a-d)
4. Energy and matter have multiple forms and can be changed from one form to another. (3-1a-d).

Investigation and Experimentation Skills

Students will ask meaningful questions and conduct careful investigations related to the other three strands.

1. Observe objects using the five senses (K-4a)
2. Describe properties (K-4b)
3. Compare and sort objects (K-4d)
4. Communicate observations (K-4e, 1-4a)
5. Describe relative positions (1-4d)
6. Conduct multiple trials (3-6d)
7. Predict outcomes (3-6d)
8. Measure and record observations (2-4b, 1-4b,c)
9. Collect data (2-5e)
10. Follow directions (2-4g)

Course Description

Course Duration: *One Semester

Credit Value: One Course

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. The resources and assignments are directed by the teacher, and the standards are presented as outlined in the *Sequenced Pattern of Instruction*.

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.

*Open entry/open exit

Methods of Study

1. Students will complete all activities assigned.
2. Students will participate in discussion with other class members and/or teacher.

Evaluation of Performance Standards

1. Students will complete all assignments with a minimum of 70% accuracy.
2. The supervising teacher will be satisfied with the quality of the student's work.