

Subsidiary Course Agreement / Syllabus

Course: Science Grade: 5

Student: _____

Description of Semester Course: By the end of fifth grade, students understand Elements and their combinations account for all the varied types of matter in the world; plants and animals have structures for respiration, digestion, waste disposal, and transport of materials; water on Earth moves between the oceans and land through the processes of evaporation and condensation; energy from the Sun heats Earth unevenly, causing air movements that result in changing weather patterns; and the solar system consists of planets and other bodies that orbit the sun in predictable paths, ecology and ecosystems. Students plan, conduct, and write reports of simple investigations using independent and controlled variables, appropriate measurement tools, and graphs. They support their conclusions with evidence from qualitative and quantitative data.

Directions: Submit a work packet each month addressing the California Department of Education's *Science Content Standards*. On or before each monthly due date the course packet is due to the supervising teacher. The following are suggested monthly goals, objectives, methods of study, & expectations.

Semester One Content, Monthly Topics, and/or Chapters:

Month 1: Earth Science – Water Planet

Month 2: Earth Science – Water Planet

Month 3: Earth Science – Water Planet

Month 4: Physical Science – Mixtures and Solutions

Month 5: Physical Science – Mixtures and Solutions

Semester Two Content, Monthly Topics, and/or Chapters:

Month 6: Physical Science – Mixtures and Solutions

Month 7: Physical Science/ Life Science – Mixtures and Solutions/ Living Systems

Month 8: Life Science – Living Systems/Ecology

Month 9: Life Science – Living Systems/Ecosystems

Month 10: Life Science – Living Systems

Objectives and Methods of Study:

- A) Follow the SDUSD Science Units of Study.
- B) Complete each of the lessons in the Pacing Guide including assessments and student notebook.
- C) Turn in all student work each month.
- D) Complete the appropriate labs and worksheets for the assigned chapters.
- E) Complete all I-Checks and the Assessment at the end of each cycle

Resources:

- ♣ *Science Content Standards*, California Department of Education, given out at enrollment and available online at <http://www.cde.ca.gov/be/st/ss/>
- ♣ Text: *Foss Science Resources*
- ♣ Teacher Guides
- ♣ Units of Study
- ♣ Foss website available at <http://www.fosswebb.com/CA>
- ♣ Foss kit materials
- ♣ Weekly lab classes
- ♣ Mystery Science Lessons
- ♣ Google Classroom
- ♣ MEA website

Due Dates:

See contract, MEA website, and Google Classroom.

Evaluation criteria and methods:

Attendance credit for each month and all assignments will be based on submission of monthly work by due dates listed on the assignment agreement. Work submitted after the due date cannot earn attendance credit. Academic evaluation will be based on Benchmark Tests and the quality and quantity of work submitted as outlined in the SDUSD Standards-Based Report Card. Students in grades K-6 are evaluated based on their performance and demonstration of competency in accordance with the *California State Content Standards*.

"AD"	= Advanced
"PR"	= Proficient
"BA"	= Basic
"BB"	= Below Basic
"NA"	= Not Assessed

We agree to complete the course as described in this subsidiary agreement. We have received a complete copy of the California State Content Standards for my child's grade level.

Supervising Teacher: _____ Date: _____

Schoolwide Learner Outcomes

Communicate effectively through reading, writing, listening and speaking.
Show evidence of flexible, critical thinking and solve problems independently and critically.
Demonstrate the confidence, resilience, and self-esteem to succeed in life.
Use resources, including technology, to locate needed information.
Express a sense of global citizenship and personal integrity.

