

Grades 4-6 Science Course Outline 2018-2019

“The most beautiful thing we can experience is the mysterious. It is the source of all true art and science.” Albert Einstein

DESCRIPTION OF COURSE

Grade 4-6 Science topics include:

“Living Things” : Plants and Sunlight, Food Chains, Food Webs, Microorganisms, ,

“Fast Changes on Earth” : Landslides, Earthquakes, Volcanoes

“The Solar System” : The Sun, the Structure of the Solar System, Gravity and Orbit

“Earth’s Weather” : Earth’s Atmosphere, Air Currents and Wind, Oceans and Air Temperature, Severe Weather

In this course, we will learn about how we as humans interact with our environment, and the universe that surrounds us. To each class period, you will bring your agenda and your pencil case. The teacher will provide printed out textbook handouts, a pen and pencil for writing, and an eraser. The textbooks that will be used for this course are: California Science Grade 4, California Science Grade 5, and California Science Grade 6. A numbered copy of a textbook will be lent to you. Write your name in it. When you return it, if it is not in usable condition or missing its cover, your family will be asked to replace the book.

EARNING YOUR GRADE

Your grade will be determined by your work in these categories:

1) Prepared/Punctual/Productive. Positive/Pleasant/Polite - 10% of your grade.

This is a grade you receive for your performance during every class. You are punctual if you are in your seat when the bell stops ringing.

2) Daily work – 25% of your grade.

Daily work is anything we complete in class including practical experiments, worksheets, and discussions.

3) Projects – 25% of your grade.

Projects are longer tasks, designed to practice skills including research, organization, group work, and presentation. They will usually take more than one class period to complete.

4) Quizzes – 20% of your grade

Short assessments between 5-10 questions, taking 5-10 minutes to complete. Used to check your progress throughout the course.

5) Unit Wrap-up Activity – 20% of your grade

A flexible activity that allows students to show their learning.