

# COURSE CONTRACT

(Grades 7-12)

Student:	Course: PHYSICAL SCIENCE B CP
Teacher:	Course number: SGI1187
Grade:	Credits to be earned upon completion: 5.0

The student will complete the course as outlined in the approved course description and activity guide for each unit of study and/or the appropriate State content standards. Monthly assignments with due dates will be made at student-teacher meetings and recorded on the Regular Work Assignments or the Learning Record.

## Major objectives:

Upon successful completion of Physical Science, students will be able to communicate their findings using scientific observations, data collections and analyses. They will be able to use appropriate tools to perform investigations and understand how science is incorporated in our lives.

In this semester of the course, students will focus on the physics aspect of physical science. Students will be exposed to scientific theories and laws that are used to predict, manipulate and explain common macroscopic interactions. Students will understand Newton's laws that govern motion, energy transfers on earth through waves, electricity and magnetism and their work on the system. Students will also have the opportunity to analyze modern technologies and provide suggestions on how to improve them in the future.

Due to the high rigor of this class, knowledge of algebra 1 is highly recommended.

## Method of Study (assigned activities)

Reading assignments - web articles, researches & textbook, Mathematical evaluations, Teacher guided labs, Group Activities, End of the unit assessments

## Method of evaluation:

Teacher-facilitated labs and activities  
Homework and participation  
End of unit assessment

## Materials and / or Resources needed for completion:

Textbook: Physical Science with Earth and Space Science (Holt, Rinehart and Winston, 2008)  
Computer with internet access  
Physical Science Lab materials  
Pacing Guide

We have read the terms of this contract and agree to all the conditions set forth. Any violation of this contract may result in renegotiation and/or an evaluation to determine the student's ability to continue in Independent Study.

Student signature: \_\_\_\_\_

Teacher signature: \_\_\_\_\_