

Physical Science Syllabus Fall 2021



Keep close to Nature's heart and break clear away, once in a while, and climb a mountain or spend a week in the woods. Wash your spirit clean.
-John Muir



Education:

- University of NC at Charlotte,
 - ★ Bachelor of Arts Earth and Environmental Science
 - ★ Comprehensive Science Education
- Mississippi State University,
 - ★ Masters in Geosciences

Contact Information:

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Office Hours:

Physical Science Course Overview and Requirements

Prerequisites: Completed or taking Algebra 1 **Required Text:** Glencoe Science Physical Science

Required Materials:

- ★ Notebook or Notebook Paper
- ★ Calculator
- ★ Pens or Pencils, Markers, Crayons, or Colored Pencils
- ★ Headphones or Earbuds
- ★ Materials that may be helpful include: scissors, glue or tape, highlighters, and flashcards

Course Description: This course introduces the general principles of physics and chemistry through the study of matter and energy. Labs or investigations are used to provide students with hands-on learning and practical applications as well as to teach the material. Math is also important to students in science, and students should bring calculators to class daily.

Requirements and Evaluation: Students should login to our Canvas Course **EACH** day and complete activities or assignments to ensure mastery of content. Students will be evaluated using a variety of assessments that include; tests, quizzes, projects, labs, and discussions.

Due Dates and Late Work Policy: Failure to submit assignments by due dates will result in a loss of 10% each day it is not submitted. Students who are absent due to COVID-19 should continue to access Canvas daily and work on missing assignments from home.

Grading: Each six week session is worth 25% of your final grade. At the end of the semester you will be given a final exam worth another 25%.

- ★ A= 90-100 B= 80-89 C=70-79 D=60-69 F=0-59

Topics: Measurement, Motion, Newton's Laws of Motion, Momentum, Energy, Work, Power, Heat, Thermodynamics, Waves, Sound, Light, Electricity, Magnetism, and Chemical principles.

Helpful Links:

- ★ [Canvas Page](#)
- [Parent Observer Instructions](#)
- [CHS Homepage](#)
- [Student Helpdesk](#)