## **Course Syllabus for Physical Science**

**Grade Level:** Freshman

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## **Course Description**

Physical Science is the study of matter and energy. It has two main branches – Physics and Chemistry.

Physics is the study of forces and energy, while Chemistry is the study of matter and its changes. We will be focused primarily on the Physics portion.

## **Course Objectives:**

At the end of the course the students will be able to:

- Explain the Scientific Method
- Distinguish between Physical and Chemical change
- Recognize SI prefixes and their meaning
- Interpret data from graphs
- Use formulas for speed, velocity, distance, and time to find values
- Use formulas for density, mass, and volume to find values
- Interpret Electromagnetic spectrum chart

## **Classroom Rules:**

- #1 Follow all School rules
- #2 Be on time, in your seat, and prepared for class BEFORE the tardy bell.
- #3 You will leave class for emergencies only.
- #4 If it is not yours....Don't Touch it!
- #5 You will be expected to try your best at all times