

# Physical Science

Mr. Rinna 2017-18

## Course Description

**Physical Science** is a course that will allow students to explore the science of the physical world around them. This course is designed to help students better understand the science that they use everyday, from how their car travels down the road to how their cellphones communicate.

### Topics Covered:

Motion  
Forces  
Work and Energy  
Thermal Energy  
Electricity  
Magnetism  
Waves  
Light and the Electromagnetic Spectrum  
Matter and its properties

### Websites

Students will be expected to turn in various assignments using the online portal Google Classroom. Additionally a website will be maintained to keep parents and students updated in the course. This website can be found at: [pansophia-rinna.weebly.com](http://pansophia-rinna.weebly.com)

## Class materials

Students are expected to have a dedicated notebook for this course only. This notebook will be used for in-class assignments and for taking notes. These notebooks will be very important for the course and should be used to study for test/quizzes.

## Homework Assignments

Homework assignment due dates are firm. Homework is due at the beginning of class unless otherwise stated. Late work will not be accepted.

The only exception to this is work that is done as part of "Puma Pride." Illegible or "nonsense" assignments will not be graded and will receive no credit.

## Absences

Upon their return students will be provided with the material they miss due to absences. The student will have the number of days they missed to make up missed assignments. For predetermined extended absences students will work with the teacher to fulfill assignments they will be absent for.

Long term assignments (over a week of notice) will not be accepted late due to absences and must still be turned in on time.

If extenuating circumstances or medical issues prevent a student from completing assignments exceptions may be made with the teacher on a case-by-case basis.

### **Projects**

Projects will be assigned to students throughout the semester. These projects are a way for the student to show their understanding of a subject. Projects will be completed in a variety of ways so that each student can use their own personal skills (posters, PowerPoints, artwork, videos, etc.) to best show what they have learned. These project formats will be approved on an individual basis.

### **Labs**

Labs will be an important part of this course designed to give students “hands-on” experiences related to the content. Labs will be conducted during class time but some portions of labs such as reports may be assigned for homework if additional time is needed to finish them.

### **Tests/Quizzes**

Unit tests and quizzes will be used to assess the student’s knowledge in the subject. Students will be given ample time to prepare for tests. Test will include all material covered in the class and will include questions from in-class notes, in-class work, homework assignments, reading assignments, and lab assignments.

### **Semester Exam**

An end of semester exam will be held at the end of each semester and will include material covered throughout the semester.

### **Grading Percentages**

Homework	15
In Class Work/Labs	30
Projects	20
Unit Tests	15
Semester Exam	20