**Physics**

**Teacher Information**

Mark Sherwin

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**Physics Objectives**

1. Understand and use basic laws of motion to solve equations of motion in one and two dimensions
2. Utilize basic laws of thermodynamics, including gas laws, thermal energy, and fluid motion, to solve real world problems
3. Understand laws governing the physics of light and electricity
4. Understand the role and importance of physics in the Christian’s life

**Class Materials**

* Etextbook-Physics (3rd ed.)
* Pencil
* Red pen (for grading only)
* Notebook
* Loose leaf paper (for homework)
* Graphing calculator-on Chromebook

**Homework Policies**

Homework is due at the beginning of the hour and will either be graded by the students or collected by the teacher. Students should grade the homework in red pen and should not have any other writing utensils out during the grading of homework. After grading the homework, the students should record the numbers of the problems they missed at the top of the page; the homework papers will then be passed in. Students have the same number of days after returning to school from an absence to make up any homework and turn it in to the teacher. Homework can be turned in late; however, a 25% penalty will be imposed.

**Test Policies**

Tests will usually be given at the end of each chapter. Students should expect 20-30 questions. Students will have one day to make up the test after an absence and the makeup test will be taken during class. If students are absent the day before the test, they will be required to take the test on the date assigned.

**Cheating/Plagiarizing**

Any attempt to take or copy the work of others and present it as your own constitutes plagiarism or cheating. Homework should be completed on your own with any help coming from parents or Mr. Sherwin. Students should expect to receive a zero on any assignment they cheated on.

**Class Policies**

* Respect the teacher
  + Listen attentively and take notes as the teacher teaches
  + Respect the teacher’s time by being in your seat when the bell rings
  + Be quiet when the teacher is speaking and wait to speak until the teacher calls on you
  + Wait for the teacher (not the bell) to dismiss the class
  + Complete assignments neatly and on time
* Respect others
  + Listen quietly as others ask questions
  + Don’t provide distractions that would hinder others from learning
  + Leave other people and their possessions alone
  + Respect other classmates time by being in your seat and ready to learn when the bell rings
* Respect yourself
  + Do not hurt your conscience by cheating
  + Seek to learn as much as you can from this class
  + Understand the logic and thinking behind math instead of just following steps blindly
  + Complete all assignments to the best of your ability

Failure to follow these class policies may result in verbal warnings, demerits, call/email to parents, detention, or referral to the office.

**Assignment Values**

Tests 50%

Quizzes 20%

Homework and Labs 30%

**Parent Signature:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**