

AP PHYSICS I: Summer Assignment

MR. LINDLEY

Since you are reading this, that means that you have decided to enroll in AP Physics 1. ***This course is for serious students and requires dedication, commitment to hard work and a willingness to be challenged and pushed for the entire year.*** AP Physics is taught at a rapid pace that is most likely faster than other courses you have taken. The course might seem overwhelming at times, but remember this is ***not*** an honors level course; it's a ***college*** level course. I am here to guide you through the material, however ***you will be responsible for developing an understanding through your own efforts.*** You are expected to challenge yourself and your understanding frequently. This course requires a ***different type of thinking***, and thus will be challenging.

The purpose of the summer assignment is to develop the necessary skill set you will need to be successful this coming school year. The information contained in this assignment will be *reviewed only briefly* when you come to class the first couple of days. The assignment begins with an introduction to the mathematics of the course, vectors, and graphing. After you have read the information, you will complete the attached assignment that will be collected at the end of the first week of school. ***There will be an exam based on the summer work the second week of the school year.*** The exam will include all summer work and everything covered in class up to this date. If you have any questions or concerns regarding this summer assignment, you can email me at JLINDLEY@pelhamschools.org. I will be checking my email approximately once a week starting at the end of July and continuing throughout the summer.

You are expected to do this work *on your own*. Evidence of copied answers will result in penalties for all parties involved. You do not want to begin the school year with academic dishonesty as my first impression of you. You are also expected to *show all work* for full credit on these problems (where applicable). Neatness counts as well.

Instructions:

- Go to classroom.google.com
- Log in with your Pelham Schools account
- Click the "+" at the top right corner of the screen
- Click "Join Class"
- Enter the code "3wcspfu" and click "Join"

Once you are in the class, you will have access to all of the readings and questions that need to be completed prior to the first day of the school year. You can print the pages or do your work on separate paper.

By clicking "Join", you are agreeing that you have read the above letter and understand its contents.

Before the school year begins, make sure you have completed the following:

- Reading: Math Review**
- Reading: Graphical Methods**
- Videos: Introduction to Physics & Material**
- Worksheets**
 - SA1: Algebra**
 - SA2: Dimensional Analysis**
 - SA3: Scientific Notation**
 - SA4: Geometry & Trig**
 - SA5: Linearization & Graphing**
 - SA6: Vectors & Scalars**

These assignments should not just be completed, but understood. The material covered is not overly difficult if you apply yourself.

Enjoy your summer and contact me if you have any questions. Take this assignment seriously and come back in September ready to work. I look forward to a challenging but great school year with all of you.

HARD WORK BEATS TALENT