

August 3, 2020

Dear AP Physics 1 student,

I am so excited that you chose to take AP Physics this year. I received your name from the guidance department. We will hopefully begin school in person on September 8th. Mrs. Thompson will be handing out Chromebooks on Aug. 12 and 13 for those students that would like to get them early to complete the summer work activities.

AP Physics is a college physics class that requires 25% of our class time to be involved in lab work. Many colleges will ask to see your lab composition notebook in order to receive full credit for your course work. In order to spend our time wisely in class, it is important that you spend a minimum of one hour of study and preparation time for the next class day.

As we wrap up this summer, we must start preparing for the next school year. Please take the time to complete a review of graphing and math practice in Google classroom. As time draws closer you may receive videos and more prep work for Unit 1.

1. Register for my google classroom. Use the class code: **gfkgyb3**
2. Register for Remind. Text the message **@apphysm** to the number 81010.
3. Write an introductory letter to me. The details will be posted in Google Classroom. You will tell me something about yourself – your interests, your background, outside commitments. Include your reason(s) for taking this course, what you hope to gain from it, etc. **DUE SEPTEMBER 8, 2020**
4. AP Physics is designed to be equivalent to the first semester of algebra based physics. In this course you will cover a variety of topics.
 - a. Kinematics
 - b. Dynamics
 - c. Circular Motion and Gravitation
 - d. Energy
 - e. Momentum
 - f. Simple Harmonic Motion
 - g. Torque and Rotational Motion
 - h. Electric Charge and Electric Force
 - i. DC Circuits
 - j. Mechanical Waves and Sound

Visit the below College Board site to explore what an AP course is like and get an idea of the course. **Below is the course description. Explore the website (You do NOT have to print this out)**

<https://apstudents.collegeboard.org/courses/ap-physics-1-algebra-based>

5. With this class being lab based, many of the labs require you to set up a graph. It is imperative you have good graphing skills in this course. Throughout the course we will incorporate statistics and data analysis into the course, but you need to have a basic understanding of how graphing is set up and what information is available on a graph. Interpreting and graphing data is a key skill.

Again, I am happy and excited to have the opportunity to teach you. Have a wonderful summer and I'll see you very soon. REST UP AND BE READY TO LEARN! I can't wait to teach you!

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