

Dear Parents and Students,

Welcome to AP Physics 1 at Pawling High School. I am so excited that you will be joining me this year! I want to first congratulate you on the hard work that you have put in to get this far.

AP Physics 1 will be a fast paced course with an **equal emphasis on mathematical interpretation AND physical understanding**. Comfort with algebra and trigonometry will be crucial for your success. This course will coincide with the Regents Physics curriculum, however, it will delve into the concepts much more deeply and require fully descriptive and quantitative understanding. This course will require studying and independent work that is different to most of the classes that you have taken in the past, simply reading the book, taking notes, or looking at past problems will not be sufficient to ensure success.

This summer you will be required to read the book, “A Mind for Numbers, How to Excel at Math and Science (Even if You Flunked Algebra)”, by Barbara Oakley. This book is easy to read and fast paced. It has some wonderful insight into how we learn best and why (the actual cognitive science behind learning new things!). I hope that you enjoy reading it as much as I did.

Once you have read the book, you will write a one page (typed, double spaced, 12-point, Times New Roman) summary of the book including one study technique that you already use and one that you don't already use, but that you would like to try in the future.

You must hand this assignment in **NO LATER THAN FRIDAY, AUGUST 31ST**.

Have a great summer, and I can't wait to get started in September!

Mrs. Verhagen