IB Physics HL/SL and AP Physics 1

Summer Assignment and Class Supplies List

The Summer assignment is comprised of two parts: Book Report and Math Review Packet. These assignments are due on the First Day of Class. Each Assignment will count as a Quiz Grade. The Westlake Honor Code is in effect for this assignment. Please govern yourselves accordingly.

Reading:

Choose 1 book from the list below to read. Be prepared to have a lively discussion about your book on Day 1. If you are led to read more than one, feel free to do so, but you will only receive one grade for one book report. Prepare a quality, type written report that answers the following questions:

- What are some of the things that you found to be the most intriguing about what you read and why?
- What are the new words/terms that you found in the reading? Make a list and define those terms.

- Newton’s Football – The Science Behind America’s Game by Allen St. John and Ainissa Ramirez
- A Short History of Nearly Everything by Bill Bryson
- Physics for Future Presidents by Richard Muller
- Fizz – Nothing is as it Seems by Zvi Schreiber
- The Evolution of Physics by Albert Einstein and Leopold Infeld
- Origins: Fourteen Billion Years of Cosmic Evolution by Neil deGrasse Tyson and Donald Goldsmith
- Black Apollo of Science: The Life of Ernest Everett Just by Kenneth R. Manning
- Rocket Girl: The Story of Mary Sherman Morgan, America's First Female Rocket Scientist by George D. Morgan

Math Review Packet:

Complete the Math Packet and Vector Tutorial Packet in pencil only. Show all steps in order to receive full credit.

Class Supplies:

- 1 composition notebook for labs
- 2 inch 3 ring binder
- Paper
- Dividers
- Notecards
- Highlighters
- Pencils
- Erasers