

Summer Assignment for AP Physics 1:

Rationale: The purpose of this assignment is to guide you through math remediation in areas that correspond to physics. You must plan to do many problems over and over again until you reach mastery. **After taking the Pre-Test, you are NOT finished.** I had many students that did not read the directions thoroughly and only pre-tested themselves prior to the first day of school last year. That will not be acceptable this year.

ON-LINE MASTERY MATH READINESS PROGRAM

\$20 charge ALEKS math preparation for AP Physics

*****This is a one month membership. Make sure to complete the math within that time period. Feel free to email me any proofs.**

<http://www.aleks.com/>

Feel free to try a trial first.

When ready to register:

click on Independent Use

click on Buy Aleks Now

click Buy Aleks Now

enter name, K-12, and scroll down to Math Review for AP Physics, Monthly ADD TO CART Checkout....

*****This is a monthly charge, but assignment should not take over a month to complete. This means you will have to cancel your membership when complete.**

*****Please put in a reminder somewhere to cancel your subscription when complete or another \$20 will be charged for second month.**

*****If for some reason this option is completely unfeasible, please contact me prior to May 29 via email Nicki_Collins@gwinnett.k12.ga.us**

PROCEDURE:

- Attempt to add 2 topics to your list: under "Other Topics Available," scroll to "Trigonometry and Vectors," add strand #4 and #6 under the last of these topics. (Try to do this, if you are unable to add these, the remainder of the assignment will be acceptable for full credit.)
- Take Pretest and assess what part of the pie you know.
- Spend much time remediating to better your pie score (hopefully to 100%)
- Print your final, remediated pie chart.
- Compose and print or write one paragraph summarizing your baseline, what you remediated, and how you feel now about your understanding.

TURN IN ON FIRST FRIDAY OF SCHOOL:

- *Screen shot of ALEKS assessment final results of program page (should be 100%).*
- *One paragraph evaluation of what portions of the math were challenging or needed improvement and what you discovered in your remediation. (Be specific.)*

STUDENTS WHO DO NOT SUCCESSFULLY COMPLETE THE SUMMER ASSIGNMENT:

- Will not be prepared for AP Physics 1
- Have not been successful in AP Physics 1 in the past
- WILL NOT BE ABLE TO TAKE THE COURSE FOR THIS SCHOOL YEAR