

## AP Physics 1 Summer Assignment

Make sure you pick up a textbook from Mrs. Stanescu - Rm 144 (Science Wing) before the end of the school year.

### Assignment

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\*Read Chapter 1 + make a short outline; do problems #4, 5, 7, 11, 12, 14, 15, 16, 23, 26, 27, 29, 30, 41, 45 (p. 27-31).

\*Read Chapter 2 + make a short outline; do questions #1-6 on p. 47, #1-6 on p. 59, #1-6 on p. 65, and problems # 33, 34, 35\*, 38, 51 (p. 70-73).

Note: \*challenging

### Solutions Write-up

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\*summarize the given info;

\*make a graph/diagram where appropriate;

\*algebraic manipulation of variables is very important! Rearrange variables (as much as possible) to find what you are looking for; plug in numerical values in the end;

\*box in your final answer, and include units, as appropriate;

\*skip a line (or draw a line) between consecutive problems; label your problems; make sure your handwriting is legible;

\*staple together the outline and the solutions, for each chapter. Write your name on the top right corner of your outlines.

### Grading

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\*Your Summer Assignment is **due on the first day of class**, and will be graded for an honest attempt; however, only partial credit will be awarded to solutions that are not neat, organized and/ or do not show work;

\*incomplete assignments will not receive full credit.