

# AP Physics 1

## Summer Assignment

Welcome to AP Physics 1! I am so excited you are challenging yourself and taking this class with me. We do many fun and engaging labs and activities all year long while learning the basics of college level physics. We will be working hard but it will be worth it! Here is the summer assignment to be completed before the first day of classes. You can do your work on a separate piece of paper or print it out on your own. I would do this over several days. We will start right away on Day 1. Have a great summer!!

1. Come down to room 206 and get a textbook from Mrs. Rees OR get a textbook from the counseling center. (during summer hours)
2. Watch this video from AP Classroom
  - a. [Kinematics on AP Classroom](#) 1 Dimensional Motion (watch until 30 min.)
3. Read Pages # 5-28 in the textbook - **Ch. 1 - Representing Motion**
  - a. Do the following questions on your own paper
    - i. On pages 28-29 Do # 4 - 18, 26-30, and 33-37
    - ii. Complete the AP Physics math review packet (you can print out or use your own paper)
      1. [AP Physics 1 Summer Math Review Packet Link](#)
4. Read Pages # 33-55 in the textbook - **Ch. 2 - Motion in One Dimension**
  - a. Do the following questions on your own paper
    - i. On pg. 65 Do # 5-13
    - ii. On pg. 66 Do 19-21
    - iii. On pg. 67 Do # 29,30,32,33 and 35
  - b. Read pgs. 93-94 on Relative Velocity for one dimensions
5. Complete the Student Workbook 1A - 1H - Kinematics- One Dimension
  - a. Here is a link for that - AP Classroom - [Student Workbook 1A-1H](#)
  - b. I will hand this out to you.
6. Complete the AP Physics Summer Assignment from AP Classroom
  - a. [AP Classroom Summer Assignment - Multiple Choice Questions](#)
  - b. I will hand this out to you.