


AP Physics 1 Summer Work

For each assignment, click the link to view the information. After you've read the information and completed any activities suggested, click the link to view the assignment. For Assignments 1 through 4, you do not need to print the assignment (although you may do so if you want.) You may write your responses on paper and submit them to me at the beginning of the school year. If you want a physical copy, stop by the main office. There are copies there. Please note that your responses must be on paper. I will not accept electronic submissions. For Assignment 5, you must complete the assignment on the handout provided. You may either print it out yourself or stop by the high school main office to pick up a physical copy.

This is a link to an online version of the textbook you may use to supplement the AP Physics 1 course:
<https://openstax.org/details/books/college-physics-ap-courses-2e>

Be sure to arrive at class on the first day with these assignments completed. Have a wonderful summer!

Assignment Name	Link to Information	Link to Assignment
Assignment 1: Distance, Displacement, Scalars and Vectors	Scalars and Vectors (Distance, Displacement, Speed, and Velocity) (This is a set of Google slides. Be sure to read all the information and click any links provided on the slides to complete the reading/activities at the links.)	Distance Versus Assignment 1: Distance versus Displacement Assignment (AP Summer Work) Summer Work Assignment 1B: Scalars and Vectors in One Dimension
Assignment 2: Time, Velocity, and Speed	Time, Velocity, and Speed (This is lesson 2.3 from the textbook. Be sure to read all parts and attempt the "Check Your Understanding" before viewing the solution.	Assignment 2: Kinematics Practice 1
Assignment 3: Acceleration	Acceleration (This is lesson 2.4 from the textbook. Be sure to read all parts and attempt the examples before viewing the solutions.)	Assignment 3: Acceleration
Assignment 4: Motion Equations for Constant Acceleration in One Dimension	Motion Equations for Constant Acceleration in One Dimension (This is lesson 2.5 from the textbook. Be sure to read all parts and attempt the examples before viewing the solutions.) Problem-Solving Basics for One-Dimensional Kinematics (This is lesson 2.6 from the online textbook and outlines basic problem-solving steps.)	Assignment 4: Kinematics Practice

Assignment 5:  AP Physics 1 Summer Work Student Workbook A through H.pdf
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