

AP Physics 1 Summer Assignment



FAIRFIELD
PUBLIC SCHOOLS

Welcome to AP Physics 1! This summer you will be reviewing some basic Motion concepts. Motion is foundational to the topics we will be covering this year in physics. You may have some familiarity with these topics from other science or math classes, but the goal is to have all of you at the same base level of understanding when we begin our year in September.

This work will be due the first week of classes and will be assessed after a short review. If you have any questions, the contact information for the AP Physics 1 teachers can be found at the end of this document.

1) Khan Academy: 1 Dimensional Motion

[One-dimensional motion | AP[®]/College Physics 1 | Science](#)

Work through the 6 lesson sets (*Physics Foundations* is optional, but recommended) with videos and questions, this works out to about 1 lesson per week. This work is foundational and we will be revisiting these concepts throughout the year.

DO NOT WAIT UNTIL THE LAST MINUTE. You will benefit much more from doing a little bit throughout the summer and letting the concepts have time to sink in. You can complete the question sets as many times as needed, be sure to utilize the hint feature on the first try if you are struggling. You can also go back to the videos as needed.

2) Scalar and Vector Powerpoint and Vector Review/Preview Worksheet

Vectors & Scalars Notes: [Vectors & Scalars](#)

Practice Problems: [AP Physics 1 Summer Assignment 2024-25](#)

3) *Optional*: AP Physics 1 Essentials: An APlusPhysics Guide 2nd Edition, suggested text if families are looking for a companion guide or study book.

Thank you and have a great summer!

AP Physics 1 Team

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