

2022-2023 AP Physics 1: Summer Assignments

Due: Wednesday August 17th

The AP Physics 1 textbook is an ebook: College Physics: A Strategic Approach, 4th edition. You will receive the code for this textbook during the first week of class, in order to download the Bookshelf app. To cover the material for the summer assignments, materials will be provided to you and posted on Schoology. The access code for the Schoology Page is: **7CQZ-P9T5-NTK3Q**

AP Physics 1 is an algebra-based, introductory college-level physics course. Students cultivate their understanding of physics through inquiry-based investigations as they explore a variety of topics. There are several basic mathematical and graphical analysis skills you will need in order to be prepared for AP Physics. The assignments below are posted to Schoology. When you log into Schoology, you will notice two Folders: Assignments and Instructional Videos. The instructional videos are there to help you review the materials needed to complete the summer assignments.

Assignments:

1. Dimensional Analysis (Conversions)
2. Significant Figures
3. Measurements in Physics
4. Making Science Graphs and Interpreting Data
5. Understanding Position-Time and Velocity-Time Graphs

If you have any questions, please contact Colleen Marks at cmarks@montini.org