

Welcome to AP Physics 2!

Make sure you're logged into your JBHA Google account to be able to access any of the documents linked.

We are starting out with Unit 3: Electric Force, Field, and Potential. This summer assignment will take you through the first half of this large and, arguably, most important unit, so make sure you clearly understand the concepts when we start school in the fall. For those not in my physics class last year, we use an online textbook from OpenStax, *College Physics for AP Courses*. You may use it as a resource throughout the year and/or if you want additional information while completing the summer assignment. [HERE](#) are the instructions to find the textbook.

Your summer assignment has two parts; a guided notetaking workbook and a collection of AP multiple-choice questions.

Part 1: Use [this](#) slideshow to help you fill out the notes on static electricity found [here](#). Throughout this notebook, you will; fill in the blanks, draw diagrams from the slideshow, and do practice problems. I recommend you print out the workbook or use software such as Notability or Goodnotes to complete it.

Part 2: [Physics 1 Review and AP Multiple Choice](#). Welcome to the world of the long-winded questions that are the AP Physics 2 multiple-choice questions. As you work through these problems, I recommend underlining important information (most of the time, the first and last sentence of the questions) and keywords. They will intentionally put information into the questions that is useless. We will be going over these problems during our 2nd class period. Again, I recommend you print this document out. There is also a short review of forces. Newton's second law is used throughout the entire AP Physics 2 curriculum.

[Here](#) is the AP Physics 2 formula sheet if you want to use it. You should not need it to complete any part of the assignment.

Feel free to email me with any questions or if you run into any problems at dwilson@jbha.org.