

## AP Physics 2: “Summer Suggestion”

You are all second year physics students and while we will be covering topics and concepts that were not discussed in your first year course, certain elements of that physics course will be necessary for mastery of the new units.

The first unit we will be looking at in AP Physics 2 is Fluids, which will be broken into two parts: **Fluid statics and Fluid Dynamics**. You will see concepts related to motion and force show up throughout this unit.

### My suggestions:

- Review the motion, including two-dimensional motion, and force units. Looking at the equations will not really help you.
- Check out a textbook from me before leaving for the summer.
- After a thorough review of motion and force units, I suggest you start looking ahead to Fluid statics (Chp 9: Sections 1 -5).
- Read a physics related book over the summer. Talk to your peers or myself for recommendations.

### What to expect:

- This class will be shifted even more towards a college classroom. **No classwork or homework assignments will be graded.** They will be discussed in class and you will have a chance to check or go over whatever we need to as a group or one on one. That responsibility will fall on **YOU**.
- A summative assessment with AP Style Questions (test) will occur once every 3 weeks. These assessments will not necessarily be based on units or chapters; they will encompass whatever occurs during those 3 weeks.
- A graded assessment (quiz) will occur approximately once every week to week and a half. This is where your preparation through classwork and homework comes in.
- Lab reports will be done similar to AP Physics 1 last year, in your lab notebook - get a quad-ruled composition notebook for this. Cumulative Labs will be graded as summative assessments, while our shorter goal-oriented and investigative labs will be graded as formative assessments.

If you have any questions or want to check your understanding on something direct any inquiries to [gillies.nicholas@mail.fcboe.org](mailto:gillies.nicholas@mail.fcboe.org)