

Welcome to AP Physics 1

Mrs. Moore

E-207

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A little about me...

- This is my 7th year at Vista (but I've been teaching a lot longer)
- I teach Physics, AP Physics, and Chemistry
- I have 2 sons - one at UC Santa Cruz and one graduated from Vista last May

- I graduated from

BS Biomedical Engineering

MS Science Education



AP Physics 1

This course is designed by the College Board to be the equivalent of the first semester of a first year, algebra-based, college physics course.

We cover the following topics:

1. Motion
2. Forces
3. Energy
4. Momentum
5. Simple Harmonic Motion
6. Circular Motion
7. Angular Motion and Torque

Google Classroom

- Notes
- Homework
- Formative assignments
- Labs
- Resources (extra practice, links, videos)

AP Classroom

- AP Daily Videos
- Progress Checks
- Extra Practice

AP Physics Challenges

- AP Physics is an incredibly rigorous, challenging and *fast paced* course.
- Some suggestions for you to support your students:
 - Encourage them to form some sort of study group.
 - Check in with your student about how they are studying, and how much time they are studying.
 - Students should read the book and do the homework.
 - Consider purchasing an AP Physics 1 study guide.
 - Make your kids go to bed sometimes!
 - Encourage students to come and see me...for help, for guidance, for whatever they need!

How to Study

- Look over the chapter notes and read the book before lecture
- Do the homework! (Problems from book, AP Classroom Progress Checks)
- Watch the videos on the topic (my lectures and hw videos, AP Classroom, Bozeman, Crash Course, Kahn Academy)
- Look at the extra resources
- Ask questions and participate in class
- Come to Flextime

Grading

70% Summative (quizzes, tests, formal labs)

10% Formative (homework, classwork, informal labs)

20% Final Exam (at end of course this will be a released exam)


Practice category: checked for completion only

Tests follow the AP format ($\frac{1}{2}$ multiple choice, $\frac{1}{2}$ free response) and may be curved.

There are no retakes on tests.

Communication

- **Encourage your students to communicate with me.**
 - If they are uncomfortable bringing something up in class, ask them to talk to me outside of class.
 - 90%+ of the problems students encounter can usually be avoided with effective communication.
 - If they are getting behind: have them talk to me BEFORE it's too late.
 - If they are getting overwhelmed, have them talk to me.
 - If they know they are going to be out or not able to meet a deadline, have them talk to me BEFORE-hand and I will work something out with them.



Remember that this is a new way of thinking for most students, it can be hard to wrap their head around at first.

Sometimes they are doing all the right things and *it is still hard*.