

**If you will be absent from class due to AIR tests, the musical, AP exams, etc. before our AP exam, please let me know in advance as you will need to schedule make-up for whatever you miss with me. Thank you!**

**I'll be doing review session on Mondays and Wednesdays during E/I starting the week of April 17. Please be here then, or stop by after school on those days.**

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|--------|------|---|
| Mon.   | 4/15 | 1) <b>AP Physics 1 Common Assessment post-test</b> (bring a calculator and formula sheet)<br>2) HW: Complete lab (from last week) for Tuesday   |
| Tues.  | 4/16 | 1) New groups?<br>2) Go over #'s 6-7 on p. 44 from "5 Steps to a 5"<br>3) Practice free response question<br>4) Collect labs<br>5) Do sample circuit problems → Circuit HW due in comp. books on April 23   |
| Weds.  | 4/17 | <i>E/I Review → Solving for problems on an incline</i><br>1) CIRCUITS LAB: Set of 3 (Day 1)   |
| Thurs. | 4/18 | 1) Quiz: On circuits (DC2 & DC4)<br>2) CIRCUITS LAB (Set of 3): (Day 2)   |
| Fri.   | 4/19 | <i>Good Friday – no school</i>  |
| Mon.   | 4/22 | <i>Professional Development for teachers, no school for students!</i>   |
| Tues.  | 4/23 | 1) CIRCUITS LAB (Set of 3): (Day 3)<br>2) Check HW  |
| Weds.  | 4/24 | <i>E/I Review → Tension and acceleration of 1 and 2 body systems</i><br>AIR Geometry test<br>1) Go over circuitry HW<br>2) Check "5 Steps to a 5" practice test results<br>3) Finish lab calculations → labs due Thurs. at start of class   |
| Thurs. | 4/25 | AIR POD test<br>1) LAB: Resistivity   |
| Fri.   | 4/26 | AIR Biology test and afternoon matinee performance of the musical <i>Mama Mia!</i><br>1) Practice AP exam (abridged) → not for a grade, but important<br>2) HW: For Monday, read <i>The Physics Classroom: Waves – Lessons 1 &amp; 2</i> (all parts) for a Monday, 4/29 reading quiz  |
| Mon.   | 4/29 | <i>E/I Review → Graphs and their meaning (kinematics, force vs. position, force vs. time, voltage vs. resistance)</i><br>AIR Algebra 1 test<br>1) Waves reading quiz<br>2) Wave demonstrations and examples (Introduction to waves – what the heck is a wave and what do they do?)<br>3) HW: Complete Wave Overview guide for Friday, May 3 |
| Tues.  | 4/30 | AIR American History test<br>1) Standing waves discussion<br>2) LAB: Speed of Sound   |
| Weds.  | 5/1  | <b>Two-hour delay schedule</b><br>1) Wave demonstrations and discussion → (flame tube, superposition, interference, Doppler, beats, flame tube)   |
| Thurs. | 5/2  | <i>E/I Review → Rotation and torque</i><br>1) LAB: Laws of Strings  |

- Fri. 5/3 1) Check/ go over wave overview guide  
 2) Complete lab: Laws of Strings  
 3) Pencil and pen blessing

**SUNDAY, MAY 5** → Last minute AP Physics review and Q & A, Sure it's spring and Mother's Day is next weekend, but what more could mom want than you passing the AP Physics 1 exam and saving her thousands of \$\$ in tuition? I thought so! Time TBD, but likely 2-4 PM. Want an additional sessions? I'm here most days after school, and I'll make myself especially available for AP Physics 1 on the days we have review sessions during E/I.

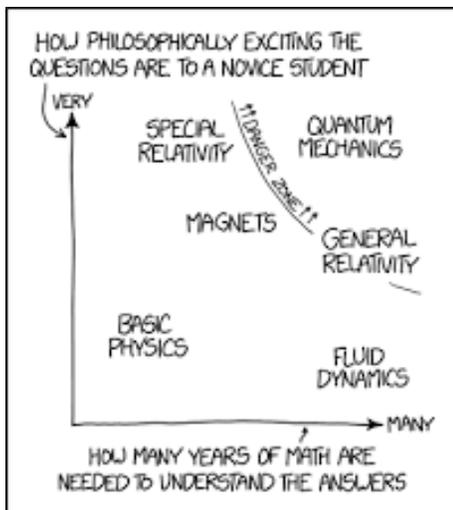
- Mon. 5/6 *E/I Review* → *Circular motion and gravitation*  
 AP Government Exam (AM), AP Environmental Science Exam (PM)  
 1) Review and

- Tues. 5/7 AP Spanish Exam (AM), **AP Physics 1 Exam** (PM)

We WILL be doing physics after the AP Physics 1 exam, but it will consist of either a building project (rockets, and possibly drones!) or the study and discussion of the theory of special relativity (Einstein!). I'll set up a spreadsheet to share with you in Google and share it with you on Google Classroom so we can figure out who'll be here/absent due to various AP exams and other schedule conflicts, allowing you to partner with people who have similar schedules if we do a building project.

### Things to review on your own:

- 1) Your formula sheet – know the formulas, know the constants, and know where to look
- 2) Flash cards on the online version of “5 Steps to a 5”
- 3) How to derive equations and put equations in terms of variables
- 4) Any content section of “5 Steps to a 5” where you can use a refresher.
- 5) Chapters 7, 8, 9 and 18 offer test-taking strategies AND extra drill on tough, but frequently asked questions.
- 5) Remember to RTFQ! (Read the Friendly Question) – there's lots of “free” information available to you.



WHY SO MANY PEOPLE HAVE WEIRD IDEAS ABOUT QUANTUM MECHANICS

### SYMPATHY TIPS FOR PHYSICISTS

