

## First test on September 13

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| Mon.   | 9/9  | 1) Collect balloon drop write-ups<br>2) Do Ch. 4, problem 50 as an example<br>3) Context Rich Kinematics – finish and present (written work due Weds.)<br>4) Decide on Mid-Ohio groups → submit proposal for individual lab for Thursday<br>4) HW: Ch. 4 problems 7, 14, 43, 44, & 49 due on Tuesday, 9/10  |
| Tues.  | 9/10 | 1) Check/ go over Ch. 4 HW<br>2) Prelab aqua sling lab  |
| Weds.  | 9/11 | <i>2-hour delay schedule</i><br>1) Collect Mid-Ohio lab proposals<br>2) Practice test (take, score and discuss)<br>3) HW: AP Progress Check due Thursday at start of class  |
| Thurs. | 9/12 | 1) Briefly discuss AP Progress check<br>2) Aqua Sling Lab (outside, weather permitting) → Write-up due Weds., 9/18  |
| Fri.   | 9/13 | 1) <b>TEST #1</b> – Covering Ch. 1-4(section 4.1-4.3 only). For a curve, your Ch. 2, 3 and 4 HW must be corrected in your composition book (The test will take 45-50 minutes)   |
| Mon.   | 9/16 | 1) Hand back tests/ go over<br>2) Discussion of Ch. 5 (forces)<br>3) HW: ExpertTA HW for Ch. 5 due at 4:59 AM on Tuesday, September 24. You'll be given a bonus if you take a selfie with one or more classmates working on this physics HW (with actual evidence of you doing HW, not just eating pizza!). <i>Of course, you can take an additional selfie of you eating pizza</i> |
| Tues.  | 9/17 | 1) Continue discussion of Ch. 5 and do some sample problems<br>2) Preview lab: Determining $\mu$ Car  |
| Weds.  | 9/18 | 1) Collect Aqua Sling write-ups<br>2) LAB: $\mu$ Car (outside, weather permitting)  |
| Thurs. | 9/19 | 1) Refresher on Free Body Diagrams and work on FBD's in class<br>2) Final preparation for Mid-Ohio trip!  |
| Fri.   | 9/20 | 1) MID-OHIO trip!   |

### A look ahead:

- Ch. 6-7 will be an intense study of forces, including the complexities of air resistance, tension and variable acceleration – mostly things we did not address at a sophisticated level in first year physics
- The Ohio State Alpheus Smith lecture is scheduled for the evening of October 23! Topic is still TBD

The person on the left is obviously NOT in A.P. Physics C

