

Test over fluids, pressure, density, thermodynamics and thermal properties on Friday, February 1

Mon.	1/21	<i>Dr. Martin Luther King Jr. holiday – no school</i>
Tues.	1/22	1) Collect temperature/thermometry labs 2) Demonstrations of convection, conduction, radiation and thermal expansion 2) Practice free response – fluids and pressure 3) HW: Complete Ch. 11 HW for Thurs., 1/24: Problems 4, 5, 32, 33, 34, 35, 39, 43, 52, 64 & 66
Weds.	1/23	1) PhET open-ended simulations: Gas properties exploration
Thurs.	1/24	1) Check/ go over Ch. 11 HW 2) HW: Read sections 12.1, 12.2 and 12.3 for Friday and be prepared for either a reading quiz or a discussion
Fri.	1/25	1) Discussion – Ideal gas processes and heat engines, kinetic molecular theory 2) “Work done by a gas” vs. “work done on a gas” 3) Ch. 12 conceptual questions (on sheet) due Tuesday
Sat.	1/26	<i>Winter formal dance – stop off and buy a water, pop or Gatorade from me!</i>
Mon.	1/28	1) P-V diagram examples for different ideal gas processes
Tues.	1/29	1) Check/ go over Ch. 12 conceptual questions 2) HW: Complete Ch. 12 HW problems (#’s 7, 9, 14, 15, 20, 29, 30, 33, 34, 35, 36, and 73) for Thurs, 1/31
Weds.	1/30	1) Geogebra simulations with PV diagrams
Thurs.	1/31	1) Check and go over Ch. 12 HW
Fri.	2/1	1) TEST: Up through fluids, pressure and thermodynamics (today or on Monday the 4 th)

Up next – physical and geometrical optics!



NOTE: Seniors will have Wednesday, February 6th as an excused absence during PHSN’s “scheduling fair” – if you think physics has been helpful to you, I’d appreciate if you could spread the word!