

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!

Test over fluids, pressure, density, thermodynamics and thermal properties on Friday, February 8

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| Mon. | 2/4 | 1) Check/ go over discuss Blizzard bag assignments 2) One additional PC diagram example 2) HW: Complete Ch. 12 HW problems (#'s 7, 9, 14, 15, 20, 29, 30, 33, 34, 35, 36, and 73) for Tues, 2/5 |
| Tues. | 2/5 | 1) Check/ go over Ch. 12 HW 2) GeoGebra simulation |
| Weds. | 2/6 | Scheduling Day – no academic work (seniors do not need to report to school) |
| Thurs. | 2/7 | <i>Black History program – revised schedule with shortened periods</i> 1) An introduction to what's next! (Geometrical and Physical optics) → Recap of wave types and wave parts 2) 'Star activity' (if time) |
| Fri. | 2/8 | 1) TEST 2) HW: Bring textbooks for Monday |
| Mon. | 2/11 | 1) Recap sections of Chapter 16 (wave superposition and wave properties). Our optics unit will cover Ch. 18, 17, and a little bit of Ch. 19 |
| Tues. | 2/12 | <i>Mr. Forrest is OUT with Team Physics at Tussing Elementary – please work well for our sub!</i> 1) Work in class on Ch. 18 notes for a reading quiz on sections 18.1 – 18.6 on Weds 2/13 2) Work on Mirror, Mirror in class to be checked on Weds. 3) Hand back tests (class discussion of multiple choice/free response for Weds.) |
| Weds. | 2/13 | 1) Ch. 18 reading quiz and discussion: Law of reflection and reflection from curved surfaces 2) Additional test discussion 3) HW: Ch. 18 Conceptual questions due on Mon., 2/18 |
| Thurs. | 2/14 | 1) Whiteboard Optics demonstrations and drawing ray diagrams and STAR activity (if not done earlier) |
| Fri. | 2/15 | 1) LAB: Concave mirrors |
| Coming up: | | 1) <i>Thin lens equation and magnification equation as related to mirrors and lenses</i> 2) <i>Diffraction and interference – exclusively wavelike properties!</i> |

