

Physics Calendar - Refraction & Lenses: 2013-14(Williams) - Chapters 14 (13 days)

Bold and underlined means put in journal notes (for any problems: Show your work!)

1	Fr:05/02/14	GOALS: Speed of light is NOT constant! Why light bends. • Slowing/bending of light, $n = c/v$ & Snell (13-01 notes)	• (13-02) p. 493: PA1-3, SR 1-3
2	Mo:05/05/14 <i>AP Exams - end 5/16</i>	GOALS: Diverging/converging lenses & ray tracing • Snell's law model of both lenses, ray tracing - know which side observer is looking at! Center ray is way different!	• H13-01
3	Tu:05/06/14	GOALS: Using thin lens equation • Same as mirror equation with different rules • Projecting an image (real image with lens demo)	• (13-05) p. 501: 1-4; p. 505: 1-3
4L	We:05/07/14	GOALS: Review day • Group activity, time for HWQ's	• H13-02
5	Th:05/08/14	GOALS: Ye old lens lab • Go over HW, do lab	• H13-03
6	Fr:05/09/14	GOALS: Total internal reflection • TIR w/demo, critical angle, problem solving and examples	• (13-08) p. 505: 1-3
7	Mo:05/12/14	GOALS: Refraction phenomena • (13-09) Notes: Spearing fish (aim low), prisms (dispersion), rainbows & mirages	• (13-11) p. 514+: 1,2,4,11,12
8	Tu:05/13/14	• Review day - opportunity for questions, group review activity with answers by class end	• (13-12) p. 514+: 14,24-26
9	We:05/14/14	• Refraction & Lenses Test	• Relax
10	Th:05/15/14	Goals: Make & use a sextant; Go over Six Flags packet/skills • Mostly semester 1 skills	• Convince weatherman for nice weather!
11	Fr:05/16/14	• Six Flags & alternate assignment for those not going	•
12	Mo:05/19/14	• Final review: Mostly Q3	• Possible review sheet
13	Tu:05/20/14	• Final review: Mostly Q3	• Possible review sheet
14	We:05/21/14	• Final review	• Possible review sheet
15	Th:05/22/14	• Final review	• Possible review sheet
Senior Finals	Fr:05/23/14	Juniors Final Exam Part 1, periods 9,10 Senior Final Exam, periods 9,10 Final Exam Review Day	• Study for Final
Senior Finals	Tu:05/27/14	Juniors Final Exam Part 1, periods 3-8 Senior Final Exam, periods 3-8 2nd period: Final Exam Review Day	• Study for Final
Senior Finals	We:05/28/14	Juniors Final Exam Part 1, periods 1,2 Senior Final Exam, periods 1,2 4/5: Final Exam Review Day - juniors	• Study for Final
Grad	Th:05/29/14	GOALS: • Final Exam Review Day	• Study for Final
	Fr:05/30/14	GOALS: • Final Exam Review Day	• Study for Final
	Mo:06/02/14	<u>Final Exam, part 2</u>	• No Homework
	Tu:06/03/14	• Retro-lab, day 1	• No Homework
Finals	We:06/04/14	• Retro-lab, day 2	• No Homework
Finals	Th:06/05/14	• Retro-lab, day 3	• No Homework
Finals	Fr:06/06/14	• Retro-lab, day 4	• No Homework