**Physics G**

Chapters 12 and 13

Waves and Sound

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| **B/A** | **Class**  | **Due**  |
| 1**Apr****26/29** | **DI**-Wave Demos**GW**-Waves Lab | **VF 12A, 12B, 12C** |
| 2**Apr/May****30/1** | **GW**-Waves 1-15**GW**-Group quiz on Waves | Turn in: Waves 1-15 |
| 3**May****2/3** | **DI**-Interference Demos**GW**-Interference lab | **VF 12D, 12E** |
| OP1May6/7 | **DI**-Lab Description-Choose rides-Plan |  |
| OP2May8/9 | -Sensor Kinetics app-Data Tables |  |
| OP3May10 | **Oaks Park Field Trip!!** |  |
| **A/B** | **Class**  | **Due**  |
| OP4May13/14 | **GW**-Oaks Park data analysis |  |
| OP5May15/16 | **GW**-Oaks Park data analysis |  |
| OP6May17/20 | **Oaks Park Presentations**  |  |
| 4**May****21/22** | **DI**-Standing Waves demos**GW**-Standing waves lab**GW**-Standing Waves 1-6 (front), 1-5a-d (back) | **VF 12F, 12G** |
| 5**May****23/24** | **GW**-Standing Waves quiz #1**GW**-Standing Waves 7-18 | Turn in: Standing Waves quiz #1 |
| 6**May****28/29** | **GW**-Standing Waves quiz #2**VF**-12H, 12I | Turn in: Standing Waves quiz #2Turn in: Standing Waves 1-18, 1-5a-d |
| 7**May****30/31** | **DI**-Sound and standing wave demos **DI**-Doppler Demos | **VF 12H, 12I** |
| **8****June****3/4** | **GW**-Doppler 1-12**GW**-Mock Waves test | **VF 12K, 12L**Turn in: Doppler 1-8 |
| **9****June****5/6** | **Waves Test! (farewell to seniors!)****IW**-Mock Final |  |
| **10****June****7/10** | **GW**-Speed of sound lab**GW**-Mock final | Turn in: Speed of sound lab |
| **Finals** | -A Meaningful Final (Not too hard, not worth a ton) |  |
| Assignments:* 4 Labs:
	+ Waves lab /20 pts
	+ Interference Lab /20 pts
	+ Speed Of Sound /30 pts
	+ Oaks Park Lab Presentation /100 pts
* 3 Formative assignments
	+ Waves 1-15
	+ Standing Waves 1-18, 1-5a-d
	+ Doppler 1-8
* 1 Test:
	+ Waves Test (30 points)
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