**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** |
| OP1  May  6/7 | **DI**-Lab Description  -Choose rides  -Plan |  |
| OP2  May  8/9 | -Sensor Kinetics app  -Data Tables |  |
| OP3  May  10 | **Oaks Park Field Trip!!** |  |
| **A/B** | **Class** | **Due** |
| OP4  May  13/14 | **GW**-Oaks Park data analysis |  |
| OP5  May  15/16 | **GW**-Oaks Park data analysis |  |
| OP6  May  17/20 | **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 #2  Turn 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) | |