

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
7	8 Unit 13 Pretest Waves Notes/ Post Assessment Due	9 ESPN Wave Videos (Making Waves & Surfing Science) Questions DUE	10 Waves Practice	11 Wave Speed Notes/ Post Assessment Due	12 Wave Speed Practice	13
14	15 PHET Wave Simulation DUE	16 Wave Interference Notes/ Post Assessment Due	17 Wave Interference Practice	18 NO SCHOOL	19 NO SCHOOL	20
21	22 NO SCHOOL	23 Start Measuring Waves Lab	24 Measuring Waves Lab Report DUE	25 Wave Behavior Notes/ Post Assessment Due	26 Wave Behavior Practice	27
28	29 ESPN Sounds of Summer Video Questions DUE Redo Practices Crib Sheet	30 Unit 13 Test Submit Unit 13 Warm Up	May 1	2	3	4

See Unit 13 Due Dates Sheet for more detail regarding additional requirements and due dates.

Physics 1A

Goals:

1. I can compare and contrast the different waves (mechanical, longitudinal, compressional, etc.)
2. I can identify and measure wavelength, frequency, period, amplitude.
3. I can use mathematics and computational thinking to determine the wavelength, frequency and wave speed when one or more of the variables is changed.
4. I can create and measure 3 mechanical waves with different wavelengths to determine the effect on wave speed.
5. I can recognize and identify the following wave behaviors: reflection, refraction and diffraction.
6. Explain how the Doppler Effect has been used to suggest expansion of the universe.