

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
31	1	2	3 Junior Testing	4 Junior Testing AM Unit 13 Pretest Waves Notes/ Post Assessment Due	5 Waves Practice DUE	6
7	8 ESPN Wave Videos (Making Waves & Surfing Science) Questions DUE	9 Wave Speed Notes/ Post Assessment Due	10 Wave Speed Practice	11 PHET Wave Simulation DUE	12 Wave Interference Notes/ Post Assessment Due	13
14	15 Wave Interference Practice DUE	16 Measuring Waves Lab Report DUE	17 Wave Behavior Notes/ Post Assessment Due	18 NO SCHOOL	19 NO SCHOOL	20
21	22 NO SCHOOL	23 Wave Behavior Practice DUE	24 Wave Diffraction Simulation	25 ESPN Sounds of Summer Video Questions DUE  Redo Practices Crib Sheet	26 Unit 13 Test  Submit Unit 13 Warm Ups	27

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

## Physics

### 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.