
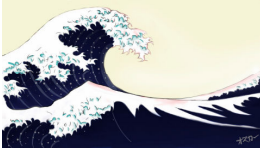



January Calendar*
Unit 8: Waves

Fundamentals of Physical Science 2012

Date	Topic	Homework	Learning Goal	Reflection
Monday 1/7	No School			
Tuesday 1/8	Welcome back! 	Review Wordsearch	I can define what a wave is, list several different types of waves and compare a wave with a vibration.	My Rating: 0 1 2 3 4 How I feel about this topic:
Wednesday 1/9	Waves and Wave Motion 	Vibration and Wave Fundamentals Worksheet	I can define what a wave is, list several different types of waves and compare a wave with a vibration.	My Rating: 0 1 2 3 4 How I feel about this topic:
Friday 1/11	Sound 	Shock Waves Worksheet	I can calculate wave properties in terms of frequency, wavelength, wave speed, and amplitude.	My Rating: 0 1 2 3 4 How I feel about this topic:

* Subject to change!

The learning goal scale in on the board!

January Calendar*
Unit 8: Waves

Fundamentals of Physical Science 2012



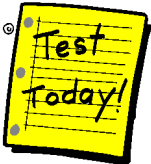
Date	Topic	Homework	Learning Goal	Reflection
Monday 1/14	Light	Waves crossword puzzle	I can explain the nature of light in terms of wavelength and the electromagnetic spectrum.	My Rating: 0 1 2 3 4 How I feel about this topic:
Tuesday 1/15	Light and Color	Color Worksheet	I can explain the nature of light in terms of wavelength and the electromagnetic spectrum.	My Rating: 0 1 2 3 4 How I feel about this topic:
Wednesday 1/16	Refraction, Diffraction and Interference Lab	Complete questions in lab packet, if not finished	I can explain the difference between refraction, diffraction and interference in terms of wave behavior.	My Rating: 0 1 2 3 4 How I feel about this topic:
Friday 1/18	Doppler Effect and Wave-Particle Duality	Wave – Particle Duality Worksheet	I can predict how the Doppler Effect will cause a shift in wave properties.	My Rating: 0 1 2 3 4 How I feel about this topic:

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January Calendar*
Unit 8: Waves

Fundamentals of Physical Science 2012

Date	Topic	Homework	Learning Goal	Reflection
Monday 1/21	No School			
Tuesday 1/22	Wave Review	 Review Packet	I can: <ul style="list-style-type: none"> define what a wave is, list several different types of waves and compare a wave with a vibration. calculate wave properties in terms of frequency, wavelength, wave speed, and amplitude. explain the nature of light in terms of wavelength and the electromagnetic spectrum. explain the difference between refraction, diffraction and interference in terms of wave behavior. predict how the Doppler Effect will cause a shift in wave properties. 	My Rating: 0 1 2 3 4 How I feel about this topic:
Wednesday 1/23	Unit 8 Test 			

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The learning goal scale in on the board!