

3. <b>Amplitude</b>	A measure of the amount of energy in a wave	19. <b>A pin has very little energy when it hits a table. It produces sound waves with what type of amplitudes.</b>	small amplitudes
17. <b>A bird's vocal cords are short, so they vibrate quickly. The sound waves they produce have what type of frequency.</b>	high frequency	10. <b>Properties of waves</b>	wavelength, frequency, and amplitude
7. <b>Different type of waves</b>	water waves and sound waves	4. <b>Transverse waves</b>	Waves that move up and down.
12. <b>Example of measuring waves' frequency?</b>	to count the number of water waves as they crash on the beach	18. <b>True or False. The bass string is long and thick, so it vibrates slowly. The sound waves it produces have what type of frequency.</b>	low frequency
5. <b>Example of transverse waves</b>	In the ocean, the waves travel forward, as the water moves up and down.	1. <b>Wavelength</b>	The distance between a point on one wave and the identical point on the next wave
2. <b>Frequency</b>	A measure of the number of waves that pass in a second	6. <b>What do transverse mean</b>	across
16. <b>How are frequency and pitch related</b>	Frequency is the number of waves per second. The closer the wave peaks are together, the higher the pitch. The higher the frequency of the waves, the higher the pitch of sound.		
13. <b>How do you measure amplitude in longitudinal waves?</b>	the amplitude is how tightly bunched the particles or sections are		
11. <b>How do you measure amplitude in transverse waves?</b>	You measure amplitude from the rest position to the top of the wave...how tall the wave is		
21. <b>How does the amplitude of sound waves relate to their intensity?</b>	Sound waves with larger amplitudes are louder.		
14. <b>If waves are close together, more would pass during each second and that would mean that the frequency of the waves is</b>	high		
20. <b>A jet engine has a lot of energy. It produces sound waves with what type of amplitudes</b>	large amplitudes		
9. <b>Longitudinal means</b>	along		
8. <b>Longitudinal waves</b>	Waves that move like a coil from one end to the other.		
15. <b>An object that vibrates quickly produces sound-wave peaks that are</b>	close together		