

## Waves and Sound Outline

Match the following terms with the definitions below

Mechanical Wave	Amplitude
Medium	Crest
Constructive Interference	Standing Wave
Beats	Electromagnetic Wave
Transverse Waves	Pulse
Frequency	Wavelength
Period	Reflection
Node	Antinode
Pitch	Loudness
Resonance	Consonance
Longitudinal Wave	Overtone

- \_\_\_\_\_ 1. occurs when a wave encounters a solid barrier
- \_\_\_\_\_ 2. is produced when the vibrations causing a wave occur parallel to the direction the wave is traveling.
- \_\_\_\_\_ 3. describes the amplitude of a sound wave
- \_\_\_\_\_ 4. are produced when sound wave interfere.
- \_\_\_\_\_ 5. require a medium to travel through.
- \_\_\_\_\_ 6. is the material that waves travel through.
- \_\_\_\_\_ 7. is the portion of a standing wave with no displacement.
- \_\_\_\_\_ 8. is the distance covered by one wave.
- \_\_\_\_\_ 9. are waves with higher frequencies that are produced by musical instruments
- \_\_\_\_\_ 10. describes sounds that are pleasing.