

Sound Definitions

- 1) How sound is made/produced
 - 2) Amplitude
 - 3) Period
 - 4) Frequency
 - 5) Wavelength
 - 6) Speed of sound
 - 7) What affects the speed of sound
 - 8) Hertz
 - 9) What is medium
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- Sound is made/produced by the diaphragm which is the movement going back and forth
 - Amplitude is the maximum displacement measured from the equilibrium position
 - Period is the time it takes for one cycle for an air molecule to move back and forth one time
 - Frequency is the speed of the sound
 - Wavelength is the distance between two compressed regions of air
 - Speed of sound is the speed of the compressed region(343 m/s)
 - The affects the speed of sound is air by changing the temperature/humidity/density of air as well substituting air for water, helium or metal
 - Hertz is the measurement of frequency
 - Medium is material or substance