

**I have sound.**  
Who has the object through which sound travels?

**I have medium.**  
Who has the synonym for amplitude?

**I have volume.**  
Who has the unit of measurement used to measure volume?

**I have decibels.** Who has the synonym for frequency?

**I have pitch.**  
Who has the unit of measurement used to measure pitch?

**I have hertz.**  
Who has the type of wave that requires a medium?

**I have mechanical wave.** Who has the cause of all sound?

**I have vibration.** Who has the type of wave that does NOT require a medium?

**I have electromagnetic wave.** Who has an example of this type of wave?

**I have ultrasounds/x-rays.** Who has the type of wave that has up and down motion?

**I have transverse waves.** Who has the highest point of a wave?

**I have crest.** Who has the type of wave that has back and forth motion?

**I have longitudinal wave.** Who has the lowest point of a wave?

**I have trough.** Who has the word used to describe waves that are close together?

**I have compression.** Who has the name given to the height of a wave?

**I have amplitude.** Who has the word used to describe waves that are farther apart?

**I have rarefaction.** Who has the word used to describe the length of a wave?

**I have wavelength.** Who has what light travels thru from the sun to reach earth?

**I have vacuum.**

Who has the word that describes how energy is transferred?

**I have through**

**a wave.** Who has what happens to the pitch as the waves get farther apart?

**I have gets lower.** Who has an example of something with a high pitch?

**I have whistle.**

Who has something that produces sound with low amplitude?

**I have whisper.**

Who has an object that produces a sound with a low pitch?

**I have tuba.** Who has the wave that is created from an earthquake?

**I have seismic wave.** Who has what happens to amplitude as the height of the wave decreases?

**I have decreases.** Who has an object that can cause severe damage to the ear?

**I have jet engine.** Who has something that can hear high pitches?

**I have dogs.**

Who has  
another word for  
wavelength?

**I have  
frequency.**

Who has what  
happens to  
hearing as you  
get older or are  
exposed to loud  
noises?

**I have gets**

**worse.** Who  
has an example  
of a mechanical,  
longitudinal  
wave?