

Vocabulary: Sound

1. Copy each vocabulary word repeatedly into the boxes to the right of it, then copy the definition of each vocabulary word in the box(es) below it. Make sure you understand the definition.

a)	matter			
Matter is anything that has mass and takes up space.				
b)	medium			
A medium is a substance (<i>matter</i>) in which processes occur				
A transmission medium is a substance through which data signals can travel.				
c)	fidelity			
How accurately something is reproduced is its fidelity .				
d)	vibration			
Rapid back and forth movement is vibration .				
e)	amplification			
To increase the amplitude or strength of a signal is to amplify it.				
f)	sample			
When we sample a signal, we take a measurement of it at a point.				
g)	sample rate			
The number of samples taken per second is the sample rate .				

2. Label on the diagram: **amplitude, wavelength, crest, trough, peak**. Then draw and label a signal that is both *louder* and of *lower pitch*.

