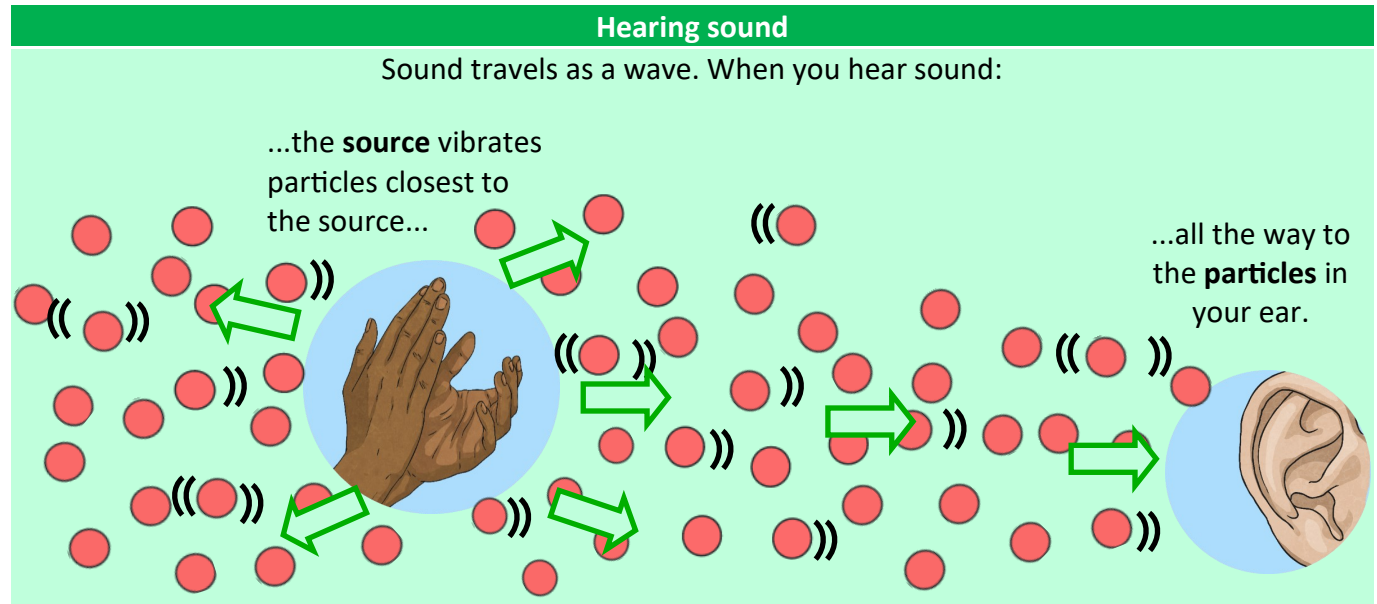


# Sound: Why do we hear sound?

key vocabulary	
<b>insulation</b>	Preventing an energy from moving through an object.
<b>particle</b>	An extremely tiny piece of matter. It can be a solid, liquid or gas.
<b>pitch</b>	The pitch of a sound is how high or low the sound is.
<b>sound source</b>	A thing that causes a sound.
<b>vacuum</b>	A space with nothing in it—not even air.
<b>vibration</b>	Moving quickly back and forth.
<b>volume</b>	The volume of a sound is how loud or quiet the sound is.



volume		pitch	
loud	quiet	High	low
The bigger the <b>vibration</b> the louder the sound.	The smaller the <b>vibration</b> the quieter the sound.	The faster the vibration, the higher the <b>pitch</b> .	The slower the vibration, the lower the <b>pitch</b> .
<p>amplitude (volume) ↑</p> <p>pitch (high or low sound)</p>	<p>amplitude (volume) ↑</p> <p>pitch (high or low sound)</p>	<p>amplitude (volume) ↑</p> <p>pitch (high or low sound)</p>	<p>amplitude (volume) ↑</p> <p>pitch (high or low sound)</p>