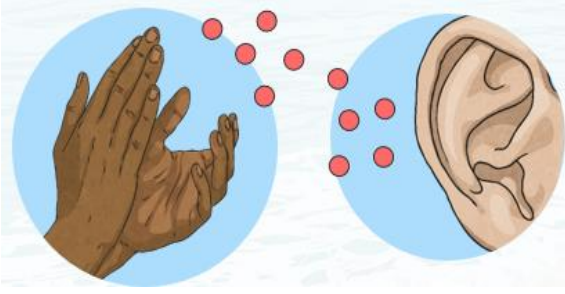
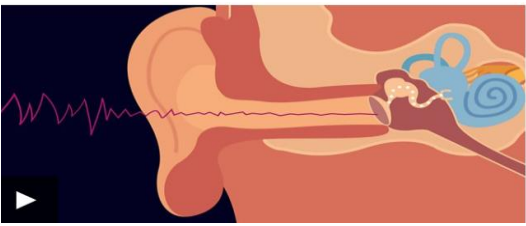
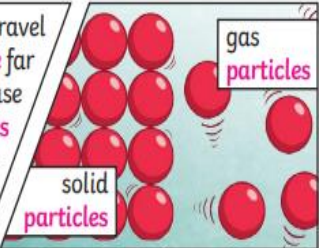


Topic	Sound	Term	Summer	Year Group	4
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Vocabulary	
faint	A faint sound is dim and has very little strength.
insulation	The act of covering something to stop heat, sound or electricity from entering or escaping.
loud	A strongly audible sound or sounds.
pitch	The pitch of a sound is how high or low the sound is.
sound	Vibrations that travel through the air and can be detected by the ear.
source	The person, place or thing from which something comes.
travel	The action of moving from place to place.
vibrate (verb)	To shake very quickly to and fro.
vibration (noun)	Vibration is the rapid back-and-forth movement of physical particles.
volume	The volume of a sound is how loud or quiet the sound is.

Concepts and Knowledge	
<p>Sounds are made when objects vibrate. This makes the air around the object vibrate and the air vibrations then travel to and enter your ear.</p>	
<p>Sound waves can travel through solids, liquids and gases. A vacuum is an area with no air so you can't hear sound.</p>	
<p>Pitch is a measure of how high or low a sound is.</p> <p>A whistle being blown creates a high-pitched sound.</p> <p>A rumble of thunder is an example of a low-pitched sound.</p>	<p>Sound energy can travel from particle to particle far easier in a solid because the vibrating particles are closer together than in other states of matter.</p> 
<p>A nail hit hard with a hammer will make a strong vibration, which means it will make a loud sound.</p> <p>A nail hit gently with a hammer will make a weak vibration, which means it will make a quiet sound.</p>	