

Leintwardine Endowed CE Primary School Learning Journey Key

'Letting Our Light Shine'

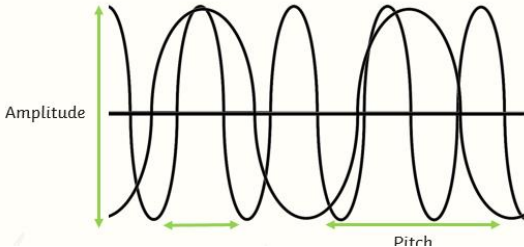
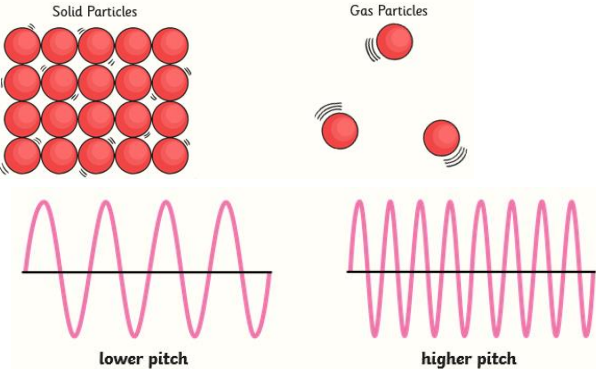
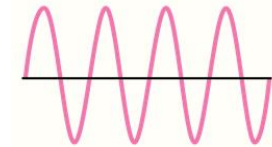
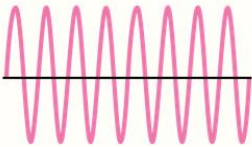
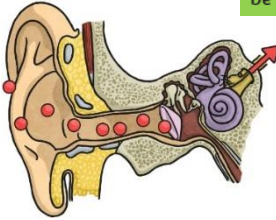
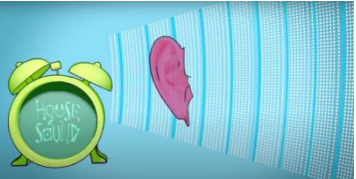
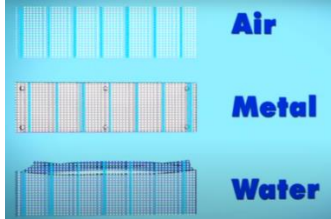
SUBJECT : Science

YEAR : B

TERM : Spring I

YEAR GROUPS : 3/4

Key Question: What's that sound?

Question	Vocabulary to Use	Information which will help me	Can I....?
What is a sound source?	sound, vibration, volume,	 <p>The louder the sound, the bigger the vibration. You should have noticed that the rice grains vibrated more when you hit the drum harder, creating a louder sound.</p> <p>The size of the vibration is called the amplitude.</p> <p>Quieter sounds have a smaller amplitude, and louder sounds have a bigger amplitude.</p>	<ul style="list-style-type: none"> Describe sounds around them? Identify high and low sound?
How do sounds travel?	amplitude, loud, quiet, travel, wave, particles, ear, high, low,	 <p>Solid Particles</p> <p>Gas Particles</p> <p>Generally, soft, pliable materials that have air pockets in, like a sponge or bubble wrap, will be the best at absorbing sound.</p>	<ul style="list-style-type: none"> Identify loud and quiet sounds? Observe how different sounds are made?
Can sound be absorbed?	distance, loud quiet, telephone, transmit, soundproof, absorb,	 <p>lower pitch</p>  <p>higher pitch</p> 	<ul style="list-style-type: none"> Describe how sounds change over distance? Participate in an investigation to find the best material for absorbing sound?
Can I soundproof a room?		 <p>Sound travels in waves</p> <p>Vibrations travel into the ear canal to the eardrum. The vibrations go to the middle ear bones into the inner ear. The inner ear is shaped like a snail and is called the cochlea. Inside the cochlea, there are thousands of tiny hair cells. Hair cells change the vibrations into electrical signals that are sent to the brain through the hearing nerve.</p>  <p>Air</p> <p>Metal</p> <p>Water</p> <p>Sound travels fastest through metal, then water and slowest</p>	<ul style="list-style-type: none"> Answer questions based on their learning using prompts? Create a musical instrument that will play different sounds?
How can I change the pitch of a sound?			<ul style="list-style-type: none"> Predict what will happen in an investigation?
Can I make a musical instrument to play different sounds?			<ul style="list-style-type: none"> Make observations?