

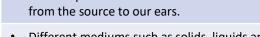
St Bernadette's Catholic Primary School - Eucalyptus Class Sound

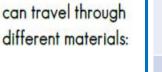
Gospel Value - Joy -Awe and Wonder

What I should know-• Explore how things work. (Nursery – Sound) • Describe what they see, hear and feel whilst outside. (Reception - Sound) • Identify, name, draw and label the basic parts of the human body and say which part of the body is associated with each sense. (Y1 - Animals, including humans)

- · A sound produces vibrations which travel through a medium from the source to our ears.
- Different mediums such as solids, liquids and gases can carry sound, but sound cannot travel through a vacuum (an area empty of matter). The vibrations cause parts of our body inside our ears to vibrate, allowing us to hear (sense) the sound.
- The loudness (volume) of the sound depends on the strength (size) of vibrations which decreases as they travel through the medium. Therefore, sounds decrease in volume as you move away from the source.
- A sound insulator is a material which blocks sound effectively.
- Pitch is the highness or lowness of a sound and is affected by features of objects producing the sounds. For example, smaller objects usually produce higher pitched sounds.

Key Knowledge





SOLIDS: metals. stone, wood LIQUIDS: water GASES: air

Sound vibrations

Key Vocabulary

Sound – vibrations that travel through the air or another medium and can be heard when they reach a person's or animal's ear.

Source – any person, animal, device, equipment, operation, process, activity, or phenomenon that emits or causes sound

Vibrate – move continuously and rapidly to and fro.

<u>Vibration</u> – an instance of vibrating.

<u>Travel</u> – move, typically in a constant or predictable way.

Hear – perceive with the ear the sound made by (someone or something).

Volume – a measure of how loud or soft something sounds.

Pitch - how high or low a sound is.

Faint – a faint sound has very little strength or intensity.

Loud – with a great deal of volume.

Insulate - protect (something) by interposing material that prevents the loss of heat or the intrusion of sound.

