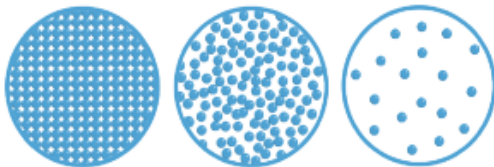
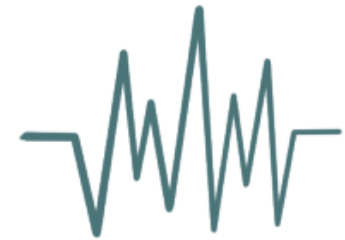


Sound Knowledge Organiser

Sounds are made when objects vibrate. The **vibration** makes the air around vibrate, and the air vibrations enter your **ear**. You hear the **vibrations** as **sounds**. You cannot always see the vibrations, but if something is making a **sound**, a part of it is vibrating. The **vibrations** travel in all directions and they don't travel in **straight lines**.



solid

liquid

gas

The vibrations caused by the sound can travel through the air (**gas**) but can also travel through **liquids and solids**.

Sounds can be **high** or **low**. We call this the pitch. The pitch of a sound is how high or low the **sound** is. A high sound has a high pitch and a low sound has a low pitch. The pitch of a sound is due to how many times the object **vibrates** each second. The higher the number of vibrations the higher the **pitch**.

We can change the **pitch** of the **sound** we make on different **instruments**.

