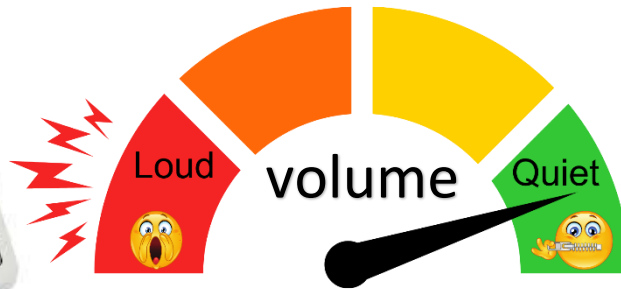
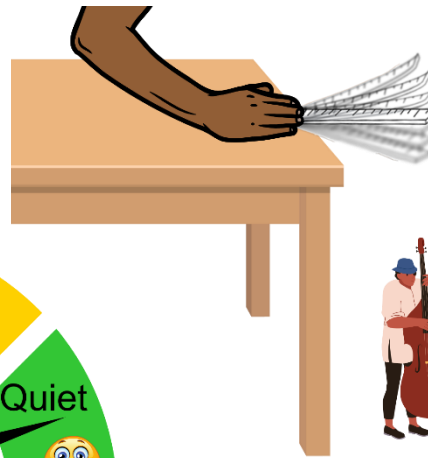




Year 4 – Autumn 1 – Sound







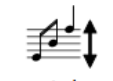



I should already know:
That we hear sounds with our ears



Skills I will develop:
- using a data logger to take measurements

By the end of this unit I will:

- identify how sounds are made, associating some of them with something vibrating
- recognise that vibrations from sounds travel through a medium to the ear
- find patterns between the pitch of a sound and features of the object that produced it
- find patterns between the volume of a sound and the strength of the vibrations that produced it
- recognise that sounds get fainter as the distance from the sound source increases.

 vibration	quick back and forth movements of an object or instrument that is the cause of sound	 source	the thing that makes the sound - where it comes from
 volume	how loud or quiet (faint) a sound is	 dB decibels	how we measure sound
 faint	a quiet sound - you can hardly hear it	 data logger	a device that takes measurements - we will use it to measure how loud a sound is
 pitch	how high or low a sound is	 science enquiry	asking and answering a question about science
 medium	something that a sound can travel through	 conclusion	giving a careful answer with evidence to a science enquiry question