
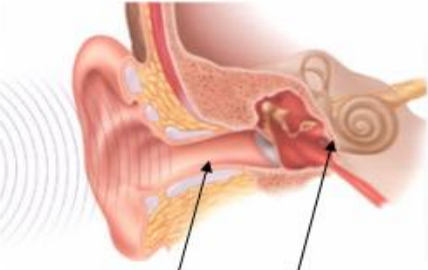














5F CHANGING SOUNDS

Glossary	Percussion instruments 	 (dB) Sound is measured in decibels = dB  Sound travels in sound waves. Lower pitched sounds vibrate with less frequency than higher pitched sounds	pitch – the frequency of a note sound insulator – a material that muffles sounds sound source – the origin of a sound e.g. a musical instrument, a crying child
ear drum – the thin skin within the ear that transmits vibrations to the middle ear frequency – the number of times a sound wave vibrates in a second high pitch – fast, high frequency vibrations give high pitched sounds low pitch – slow, low frequency vibrations give low pitched sounds	String instruments 	 Tuning a guitar changes the tension of the strings, to change the pitch, making it higher or lower Sound insulators can be used to muffle sound   Notes  The string vibrates to make a sound	sound waves – the vibrations produced by a sound source string instruments – instruments that make a sound when strings vibrate after they are hit, drawn or plucked e.g. violin, guitar tension – a measure of how tight a string or skin is tuning – the alteration of a sound producer such that the notes it makes are higher or lower pitched e.g. tightening the drum skin makes the sound higher pitched
muffle – to insulate a sound to make it quieter note – a clear, pure sound e.g. a note played on a piano percussion instruments – instruments that vibrate to make a sound when they are hit, tapped, banged or shaken e.g. drum, tambourine	Wind instruments 	       Sound sources are where a sound comes from. The volume is the loudness of a sound 	vibration – the movement backwards and forwards of different sound producers e.g. a violin string, a drum skin, the column of air in a recorder volume – how loud or soft a particular sound is wind instruments – instruments that produce sounds when a column of air vibrates e.g. recorder, flute