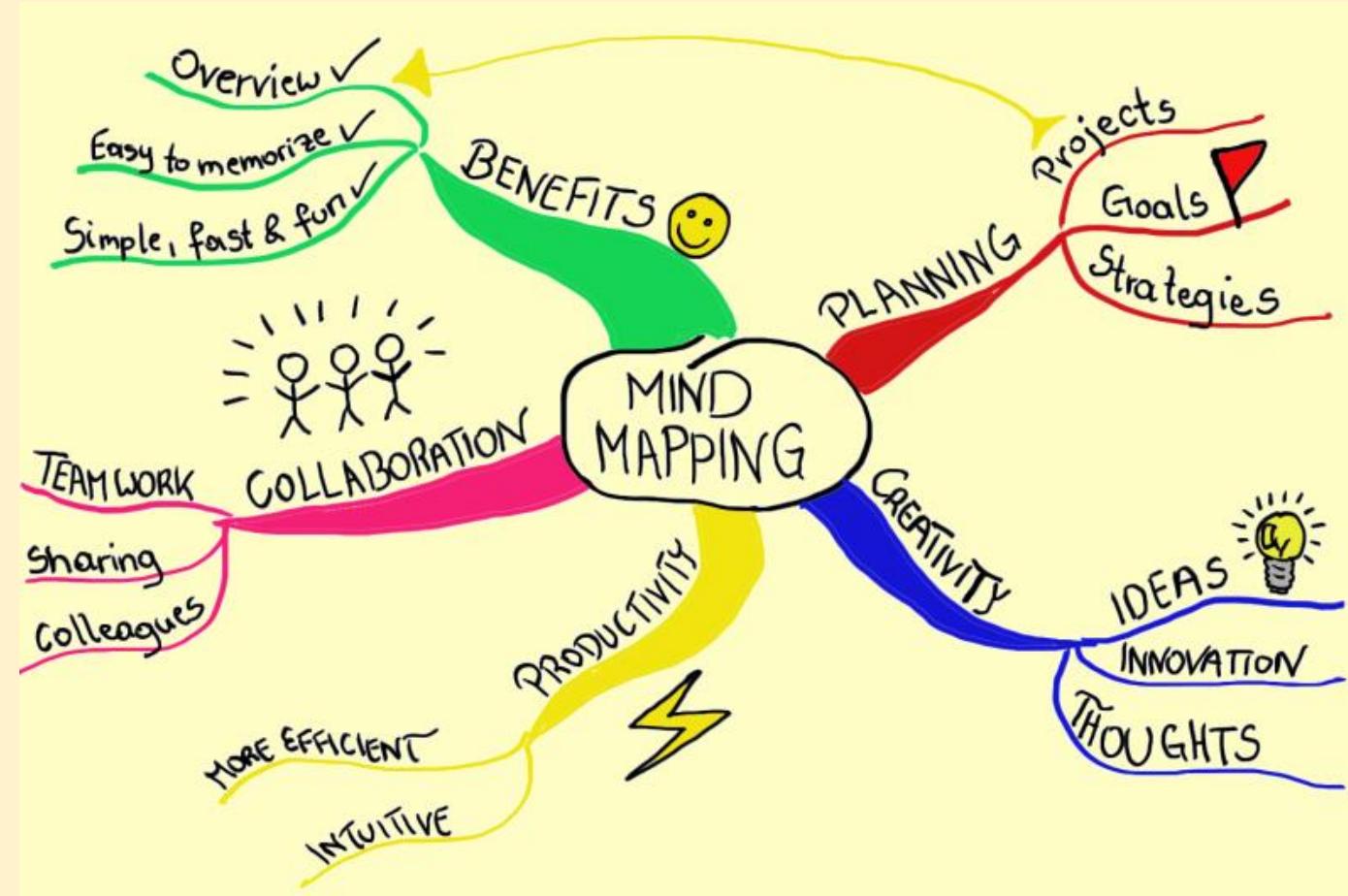




Sound



Can you recap everything you have learned about sound by creating a mind map?



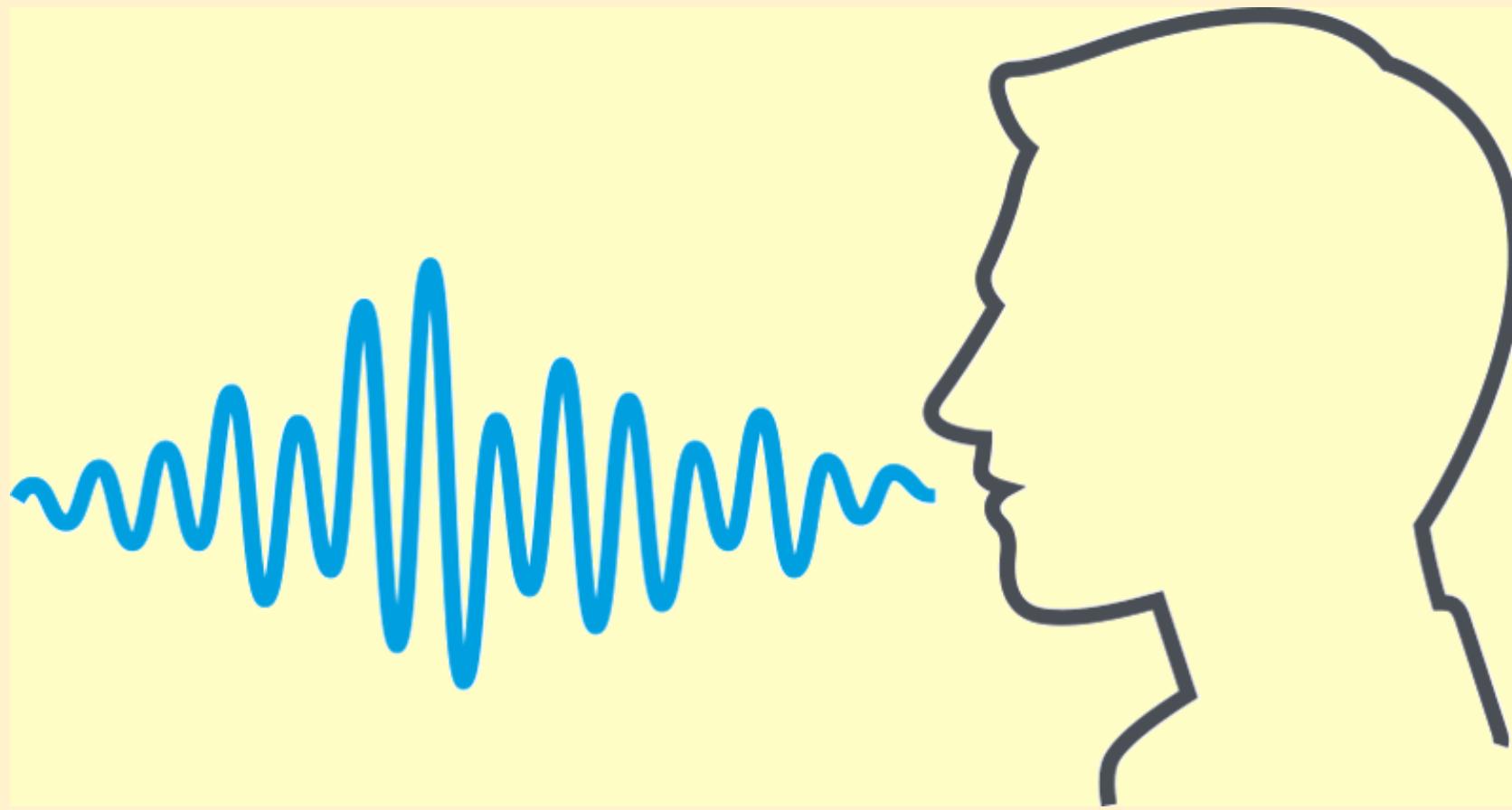
Today we are learning about **volume** -
what is it?



Tell someone in your
house what you think...



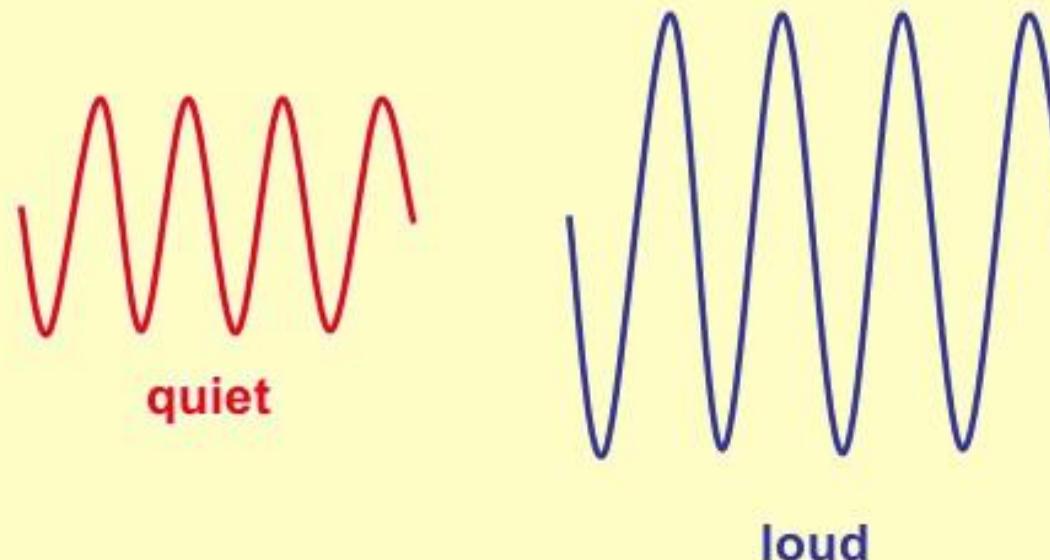
Have a go at changing the volume of your voice...



This is what the sound wave looks like for volume

Loudness

The loudness of a sound increases with the amplitude of the sound wave.



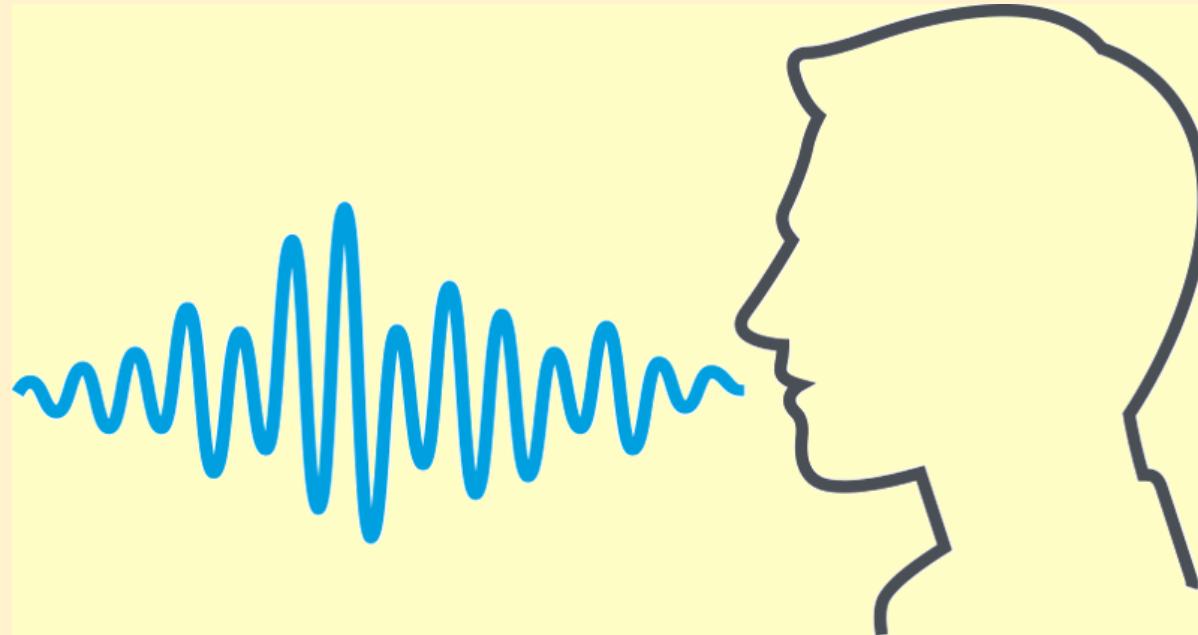
What else can we do to change the sound?

Any ideas?



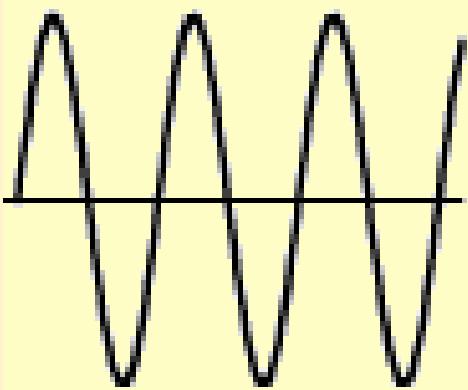
We can also change the pitch

- this is when the noise gets higher or lower in sound NOT volume

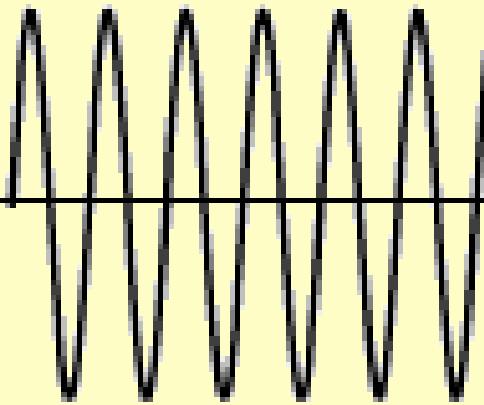


Have a go...

This is what the sound waves look like for high and low sounds



Lower
Pitch



Higher
Pitch

Sound waves are closer together for higher pitches.

This is a sound sorting sheet

Sorting Sounds	
High	Quiet
Low	Loud

Where would we put church bells chiming?

Listen to the sounds around you and complete the sound sorting sheet

Sorting Sounds	
High	Low
Quiet	
Loud	

If you have any empty glass jars or bottles in your house, you could experiment with changing the pitch of a sound.



What could you do? Any ideas?

Put some water in each jar/bottle increasing the amount as you go along the line.



Now tap them with a metal spoon gently - can you hear the change in pitch?

Self-assess using smiley faces

