

**Year 4 Science- Light and Sound  
Electricity- Tuesday**



What did you learn  
yesterday about how  
sound travels?

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What words can be used to describe sounds? (Think about terms we have used in music lessons this year)



## Pitch

What does this word  
mean?

What words can be  
used to describe pitch?



# Volume

What does this word  
mean?

What words can be used  
to describe volume?

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### Task

Your task today is to make different sounds around your house (You could clap, bounce a ball, tap a wooden spoon off a pan, rattle something.)

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### Task

Draw the following table in your book.

Column 1- Describe the pitch and volume of the sound.

Column 2- Can you do anything different to change the pitch and volume?

Column 3- What happens if you move further away from the sound?

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Sound	Description (Pitch and Volume)	How can you change the pitch and volume?	What happens if you move further away?
Sound 1			
Sound 2			
Sound 3			
Sound 4			

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### Challenge

You may have noticed that the further away you are, the quieter the sound is.

Can you explain why this is the case? (Think about molecules!)