

We have now covered all of the objectives for our current science topic.

Summer Term



Can I identify and describe sources of sound, including high and low sounds?

Can I describe how vibrations make sound and travel to the ear?

Can I explain how and why sounds change over distance?

Can I investigate patterns linked to the pitch and volume of sounds?

Can I explain how and why some materials absorb sound?



TASK 1: To complete the Sound Q and A Activity Sheet (see attachment). It has 12 different questions about sound. You will use your knowledge and understanding of sound to answer these questions. You might wish to use the Sound Q and A Word Mat to help you answer the questions.

Sound Q and A			
<p>Move around the classroom finding people to fill in the boxes. Use your knowledge and understanding of sound to help others complete the boxes on their sheet.</p>			
<p>Q. When playing a guitar, the shorter the string, the _____ the sound is.</p> <p>A. _____</p>	<p>Q. Sound is caused by _____.</p> <p>A. _____</p>	<p>Q. Louder sounds are created by _____ vibrations.</p> <p>A. _____</p>	<p>Q. Sound travels as a _____.</p> <p>A. _____</p>
<p>Q. Sounds travel from a sound source through each _____ to our ears.</p> <p>A. _____</p>	<p>Q. _____ is a measure of how high or low a sound is.</p> <p>A. _____</p>	<p>Q. If you hit a drum softly, it will make a _____ sound.</p> <p>A. _____</p>	<p>Q. A sound will seem quieter as you move _____ away from its source.</p> <p>A. _____</p>
<p>Q. Sound travels faster through a _____ than it does through water or air.</p> <p>A. _____</p>	<p>Q. In order to stop sounds getting in or out of a room, you should _____ the room.</p> <p>A. _____</p>	<p>Q. On a set of pan pipes, the longest pipe will make the _____ sound.</p> <p>A. _____</p>	<p>Q. We hear sounds with our _____.</p> <p>A. _____</p>

twinkl planit Science Year 4 Sound Making M.A.C. Lesson 4

TASK 2: To create a mind map to show your learning linked to this topic. Remember to include scientific vocabulary you know.

TASK 3: Additional activities / games to explore linked to Sound:

<http://www.primaryhomeworkhelp.co.uk/revision/Science/sounds.html>

<https://www.topmarks.co.uk/Search.aspx?q=sound>

<https://www.bbc.co.uk/bitesize/topics/zgffr82/articles/zstr2nb>