

Sound – how is it made?

Name: _____

As you work through the video, press pause to enable you to think, join in, try some of the activities, and write the answers on this worksheet. You will then be able to take it back into school to show your teacher!

1. Why can you only hear a bee when it is flying?



2. What does the “pitch” of a sound tell us? _____

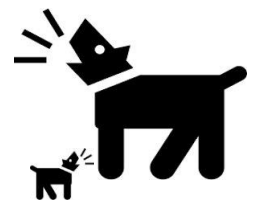
3. Try this website, and see what else you can find out about sound:

<https://musiclab.chromeexperiments.com/Strings/>

Please click on the parts of the string for it to make a sound

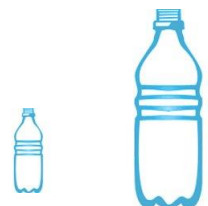
What did you find out?

4. Which has a higher pitch bark, a small dog or a large dog? _____



5. When Laura played her two recorders, which had a lower pitch note? _____

6. Which of your two bottles made a lower note? _____



7. How can you make a drum make a louder noise?
8. Watch the peppercorns jumping on the drum - what does a loud noise tell you about the size of the vibrations?



9. The further away a sound is the _____ it is.
10. Explore sound further using these resources:
<https://www.stem.org.uk/resources/elibrary/resource/468114/learning-projects-year-3-and-4>
<https://www.bbc.co.uk/bitesize/topics/zgffr82>
<https://musiclab.chromeexperiments.com/Experiments>