

Science - Physics

Lesson 5

Sound - how we hear.

RECALL

Explain in no more than 2 sentences how we hear.

You will watch a series of videos to see the difference in pitch that can be heard. Go on the following website:
<http://science-pitch.weebly.com/>

Watch video 1 and 2 - a kitten and a lion.
What difference in the pitch can you hear?

Watch video 3 and 4 - a small dog and a big dog.
What difference in the pitch can you hear?

Watch video 5 and 6 - a trumpet and a trombone.
What difference in the pitch can you hear?

Watch video 7, 8 and 9 - a violin, a cello and an octabass.
What difference in the pitch can you hear?

What have you noticed about pitch and how it changes?

Now try to do your own experiment.

1. Take a big pot and a small pot. Hit each pot with a spoon. Have noticed any difference in how each pot sounds?
2. Take a small glass and a big glass and hit each with a spoon. Have noticed any difference in how each glass sounds?
3. Did you notice any changes in pitch between the small and big objects of the same type?