

## Sound

1. To make an object release sound energy, what do we need to get the object to do?
2. Why is steel a good conductor of sound?
3. Why can sound not travel in in space?
4. What is the name of the type of wave that sound energy travels as?
5. What is the name of a reflected sound?
6. What do soft materials do to sounds?
7. How would you describe the distance between particles in a soft material?
8. How does this prevent loud sounds travelling into your ears?
9. When the eardrum vibrates, how do these vibrations get passed onto the liquid in the cochlea?
10. If a sound has a high frequency, what sort of pitch would the sound have?

11. What are the units of frequency?
  
12. How would you describe a sound has a low amplitude?
  
13. Which animal (from the ones shown in the video) can hear sounds of the highest pitch?
  
14. What is the name given to very high pitched sound?
  
15. What does the foetus' body do to this very high pitched sound to cause an image of it to be formed?