

Year 4 Science Quiz  
Sound

**1** Select the correct answer to complete the sentence.

Sound is made when an object... spins. vibrates. breaks.

**2** Circle the correct word to complete these sentences.

The faster the vibrations, the higher / lower pitch of the sound.

The bigger the vibrations, the louder / quieter the volume.

**3** True or false?

	True	False
Pitch means 'the high and low' of sound.		
Volume is the measure how loud a noise is.		
Sound can travel around corners.		
Sound travels faster than light.		

**4** I want to investigate if how I pluck a guitar string changes the volume it makes.

What is the one variable I should change in this investigation? .....

Name two other variables that must stay the same.

.....

**TD** "Sound waves only travel through air."

Do you agree or disagree? Explain your thinking.

.....

.....

.....