



Sound Smartest

Name: _____

worksheet

Highlight the correct answer for each question.

Sound does not travel through...	<ul style="list-style-type: none">a. airb. waterc. metald. a vacuum
Which instrument has a sound that is more like a noise?	<ul style="list-style-type: none">a. woodblockb. pianoc. violind. guitar
The sound of a cymbal...	<ul style="list-style-type: none">a. is shorter than the sound of a woodblockb. is longer than the sound of a woodblockc. is very shortd. is always the note A (440Hz)
A note that is an octave higher is made by	<ul style="list-style-type: none">a. putting more energy into playing itb. playing it softerc. halving the speed of the vibrationsd. doubling the speed of the vibrations
A note that is an octave higher than A (440Hz - vibrations per second)...	<ul style="list-style-type: none">a. vibrates at 880Hzb. vibrates at 220Hzc. vibrates at 8800Hzd. vibrates at 88Hz
The sound of thunder...	<ul style="list-style-type: none">a. doesn't have much energy in itb. is middle Cc. has a huge amount of energy in itd. has no energy in it
Sonic vibrations are used...	<ul style="list-style-type: none">a. to clean teeth onlyb. to clean teeth and other objectsc. to make recordingsd. to slow down lorries
Violins can be ...	<ul style="list-style-type: none">a. played with a bow onlyb. plucked onlyc. played by bowingd. plucked and bowed



worksheet

Which one of these Italians was a great violin maker?	<ul style="list-style-type: none">a. Pavarottib. Ferraric. Stradivariusd. Vivaldi
Old hand-made violins usually...	<ul style="list-style-type: none">a. make a better sound than new machine-made onesb. are the cheapest to buyc. sound worse than newer onesd. sell for low prices

How well did you do?

Save a copy of this on your computer to keep a record of what you have learnt.