## Education Quizzes

## KS1 Science Quiz - Energy - Sound, Loudness and Pitch (Questions)

This guiz addresses the requirements of the National Curriculum KS1 Science for children aged 5 and 6 in years 1 and 2. Specifically this guiz is aimed at the section dealing with energy, sounds, loudness and pitch.

You know a lot already about energy but did you know that sound is made by energy? You know how we hear sounds. Not all sounds are the same, of course. Some sounds are loud and some are soft. Sounds have different pitches. Some are high and some are low. Musical instruments can play different notes. Let's find out a bit more about pitches, loudness and sounds.

1.	<section-header>Atasha is an opera singer. She can sing very high notes. Very high notes are:Image: Solution of the state of</section-header>	F	John works at an airport. He has to wear ear protectors on his head. Why does John wear ear protectors?         Image: Solution of the plane are server plane are server.         Image: Solution of the plane are server.         Image: Solution of the plane are server.
3.	This man is playing a tin whistle. A tin whistle makes a	t t	Adam was watching television. His Mum asked him to turn the sound down. Adam used this button on the remote to turn the sound down. What do we call loudness?



5. Antonio is an opera singer. He can sing very low, deep notes. Low notes are:



- ] Low pitched [
- ] High pitched ſ

] Clarinet

] Trombone

] Double bass

] Oboe

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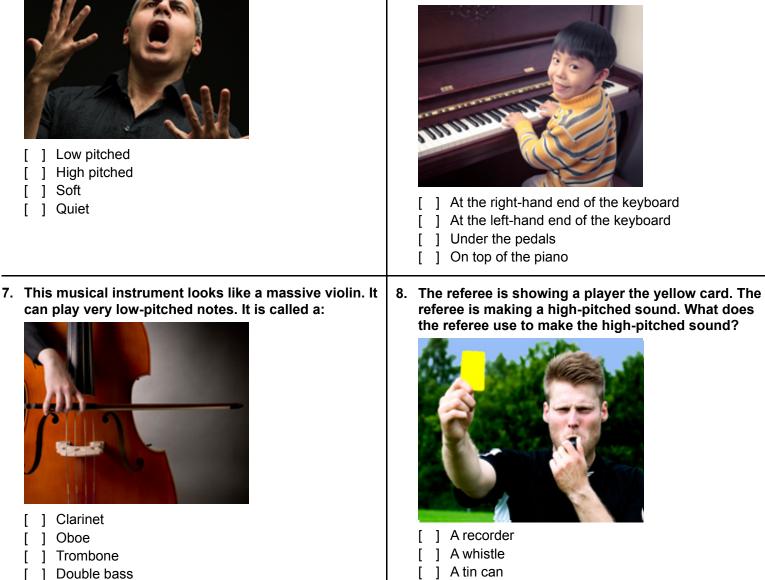
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ſ

- ] Soft ſ
- [ ] Quiet

6. Tommy is playing notes on the piano keyboard. Some notes are high-pitched, and some notes are low-pitched.

Where on the piano are the high-pitched keys?



- [] A card
- 9. This man is shouting. The sound he makes is very



- ] Quiet
- 1 Silent
- Loud ]
- [ ] Soft

10. Anna is whispering to Maria. Anna's voice is very



- Loud Quiet 1
- High 1
- ] Strong

[

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## Education Quitzzes

## KS1 Science Quiz - Energy - Sound, Loudness and Pitch (Answers)

1. Natasha is an opera singer. She can sing very high notes. Very high notes are:



- [ ] Loud
- [ ] Soft
- [x] High pitched
- [ ] Low pitched

Who is the best singer you know?

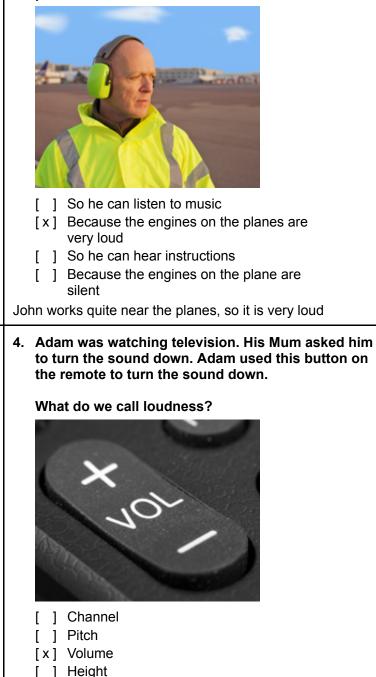
3. This man is playing a tin whistle. A tin whistle makes a \_\_\_\_\_ sound.



- [ ] Very soft
- [ ] Low pitched
- [ ] Very deep
- [x] High pitched

The tin whistle is sometimes called a penny whistle

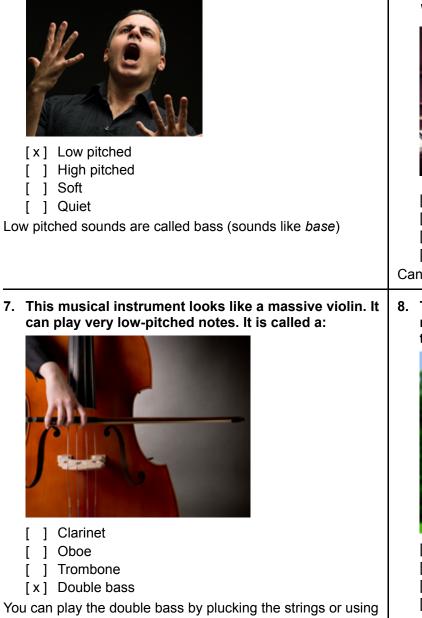
2. John works at an airport. He has to wear ear protectors on his head. Why does John wear ear protectors?



Adam turned the sound down. Did he press the + (plus) or the - (minus) sign?



5. Antonio is an opera singer. He can sing very low, deep notes. Low notes are:





- ] Silent
- [x] Loud
- [] Soft

6. Tommy is playing notes on the piano keyboard. Some notes are high-pitched, and some notes are low-pitched.

Where on the piano are the high-pitched keys?

<ul> <li>[x] Low pitched</li> <li>[] High pitched</li> <li>[] Soft</li> <li>[] Quiet</li> <li>Low pitched sounds are called bass (sounds like <i>base</i>)</li> </ul>	<ul> <li>[x] At the right-hand end of the keyboard</li> <li>[] At the left-hand end of the keyboard</li> <li>[] Under the pedals</li> <li>[] On top of the piano</li> <li>Can you play notes on a piano?</li> </ul>		
7. This musical instrument looks like a massive violin. It can play very low-pitched notes. It is called a:          Image: Clarinet       Image: Clarinet         Image: Image: Clarinet       Image: Clarinet         Image: Image: Image: Clarinet       Image: Clarinet         Image: Image: Image: Image: Image: Clarinet       Image: Image: Image: Clarinet         Image: I	8. The referee is showing a player the yellow card. The referee is making a high-pitched sound. What does the referee use to make the high-pitched sound?          Image: Content of the image of the image.         8. The referee use to make the high-pitched sound. What does the image of the image.         9. A recorder       1 A time of the image of the image of the image of the image of the image.         9. A card       When you are playing games at school does your teacher have a whistle?		
9. This man is shouting. The sound he makes is very	10. Anna is whispering to Maria. Anna's voice is very		
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