

Max's Musical Pitch Quiz

Learning objective: To identify, describe, and understand the concept of pitch in music and sound.

Read each question carefully. Max the monkey needs your help to solve these musical puzzles! Choose the correct answer or write your answer clearly in the space provided.

Answer Key: 1. A (High), 2. True, 3. False (The faster the vibration, the higher the pitch), 4. B (Low), 5. Vibration, 6. True, 7. C (A flute), 8. False, 9. Frequency, 10. A (Treble Clef). Each correct answer is worth 1 mark.

Word bank: Pitch · Frequency · High · Low · Vibration · Stave · Treble Clef

1. 1. Max is playing his xylophone. Which end of the instrument produces the sound with the highest pitch? A) The short bars*, B) The long bars, C) The wooden mallet, D) The stand. (1 mark)

2. 2. True or False: Pitch refers to how high or low a sound is. (1 mark)

3. 3. True or False: A slow vibration creates a very high-pitched sound. (1 mark)

4. 4. If you pluck a very long, thick guitar string, what kind of pitch will it make? A) High, B) Low*, C) Silent, D) Metallic. (1 mark)

5. 5. What is the word for the rapid back-and-forth movement that creates sound? (1 mark)

6. 6. True or False: A whistle generally has a higher pitch than a bass drum. (1 mark)

7. 7. Which of these instruments would normally play the highest notes? A) Tuba, B) Double Bass, C) Flute*, D) Bassoon. (1 mark)

8. 8. True or False: You cannot change the pitch of a drum. (1 mark)

9. 9. What scientific term describes the number of vibrations per second? (1 mark)

10. 10. Which symbol is used to indicate higher-pitched notes on a staff? A) Treble Clef*, B) Bass Clef, C) Time Signature, D) Sharp sign. (1 mark)

Draw: Draw a picture of a musical instrument that makes a very high-pitched sound and another instrument that makes a very low-pitched sound. Label them 'High Pitch' and 'Low Pitch'.



Extension challenge: Research how a piano works. Explain to a friend why the strings on the left side of the piano look different to the strings on the right side, and how this affects the pitch.