

Organology (Introduction)

Name:

Date:



Music riddle



Audio file

Listen to the following audio file and consider the following points:

- What is happening here?
- Where are we?
- Which instruments can you hear?

Share your ideas with the rest of the class.



Audio Content

To listen to audio content just scan the QR code and listen to it on the digital worksheet.

<https://to-teach.ai/worksheet/iUbv1JhVXdmKPLY8odP0>



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The different groups of instruments



Groups of instruments

As you have probably found out, in the audio file you could hear musicians tuning their instruments with their orchestra before an important performance. You heard **string** and **wind instruments**; together with **keyboard** and **percussion instruments**, they form four major groups among the instruments (although these can be further subdivided). Now read the information about the groups:

String instruments

String instruments produce sound by vibrating strings, either by bowing, plucking, or striking. They come in various shapes and sizes, from the violin to the double bass. The guitar, a popular string instrument, is versatile and used in many music genres like rock, jazz, and classical.

Wind instruments

Wind instruments generate sound from the flow of air. They are divided into woodwinds and brass instruments. The flute is a notable example of a woodwind instrument, known for its light, airy sound. Musicians blow across a hole to produce notes, making it unique among wind instruments.

Keyboard instruments

Keyboard instruments have keys that, when pressed, produce sound through strings or electronic means. The piano is a classic example, offering a wide range of dynamics and tones. It's used in various musical genres, from classical to pop, and is a fundamental tool for composers and performers alike.

Percussion instruments

Percussion instruments create sound through striking or shaking. They keep the rhythm and add texture to music. Common examples include drums, tambourines, and maracas. The drum set is a staple in modern music, often seen in rock and jazz bands. Percussion is essential in orchestras too.

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Instrument puzzle

In the following task, try to match each instrument with the right group of instruments.

Keyboard Instruments

String Instruments

Wind Instruments

Percussion Instruments

Clarinet · Piano · Bassoon · Harpsichord · Double Bass · Organ · Synthesizer · Cello · Harp · Bass
Drum · Cymbals · Tambourine · Oboe · Viola · Saxophone · Violin · Snare Drum · Flute · Accordion ·
Triangle

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Instruments in detail

Take a closer look at three instruments and answer the related questions. Before reading, look at the pictures: Can you identify which instrument group they each belong to?

Violin



The violin is a small, string instrument made of wood. It is very popular and can be played in both orchestras and bands. A famous piece of music with the violin is 'The Four Seasons' by Vivaldi. A renowned violin player is Itzhak Perlman.

The violin is about 60 cm long and is made of wood. It is a popular instrument in both orchestras and bands. A well-known piece of music featuring the violin is 'The Four Seasons' by Antonio Vivaldi. A famous violinist is Itzhak Perlman.

Guitar



The guitar is a medium-sized, string instrument usually made of wood. It is extremely popular and can be played in many types of bands, including rock and pop. A famous piece of music with the guitar is 'Stairway to Heaven' by Led Zeppelin. A renowned guitar player is Jimi Hendrix.

The guitar is about 100 cm long and is usually made of wood. It is a popular instrument in various bands, including rock and pop. A well-known piece of music featuring the guitar is 'Stairway to Heaven' by Led Zeppelin. A famous guitarist is Jimi Hendrix.

Saxophone



The saxophone is a medium-sized wind instrument made of metal. It is popular and can be played in jazz bands and orchestras. A famous piece of music with the saxophone is 'Take Five' by Dave Brubeck. A renowned saxophone player is John Coltrane.

The saxophone is about 70 cm long and is made of metal. It is a popular instrument in jazz bands and orchestras. A well-known piece of music featuring the saxophone is 'Take Five' by Dave Brubeck. A famous saxophonist is John Coltrane.

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Choose the correct answer for each question.

Which of the following pieces of music is known for featuring the violin?

- ☐ 'The Four Seasons' by Vivaldi ☐ 'Take Five' by Dave Brubeck
☐ 'Stairway to Heaven' by Led Zeppelin ☐ 'Hey Jude' by The Beatles

If you were to hear 'Stairway to Heaven' being played, which instrument would likely be featured prominently?

- ☐ Saxophone ☐ Guitar ☐ Piano ☐ Violin

John Coltrane is renowned for playing which instrument?

- ☐ Saxophone ☐ Guitar ☐ Trumpet ☐ Violin

Which instrument is commonly made of metal and featured in jazz bands?

- ☐ Violin ☐ Flute ☐ Saxophone ☐ Guitar

Which famous violinist is known for their exceptional skill?

- ☐ Jimi Hendrix ☐ John Coltrane ☐ Dave Brubeck ☐ Itzhak Perlman

Which instrument is approximately 100 cm in length and popular in rock bands?

- ☐ Drums ☐ Violin ☐ Guitar ☐ Saxophone

What distinguishes the guitar from the violin in terms of size?

- ☐ The violin is larger than the guitar
☐ The guitar is approximately 60 cm long, whereas the violin is about 100 cm long
☐ The guitar is approximately 100 cm long, whereas the violin is about 60 cm long
☐ Both instruments are roughly the same size

In which type of ensemble would you most likely find a saxophone?

- ☐ Brass band ☐ Jazz band ☐ String quartet ☐ Rock band