

# Exploring the Instrument Petting Zoo

Presented by

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# String Instruments

- String instruments make sound by vibrating strings. You can pluck, strum, or use a bow to create these vibrations.
- The length, thickness, and tension of the string change the pitch (how high or low the sound is).
- Strings can be made out of plastic, metal, horsehair or even guts!

## Examples

- Guitar
- Violin
- Harp
- Cello
- Viola



# String Instruments

## Violin

Violin has four strings and is played with a bow.



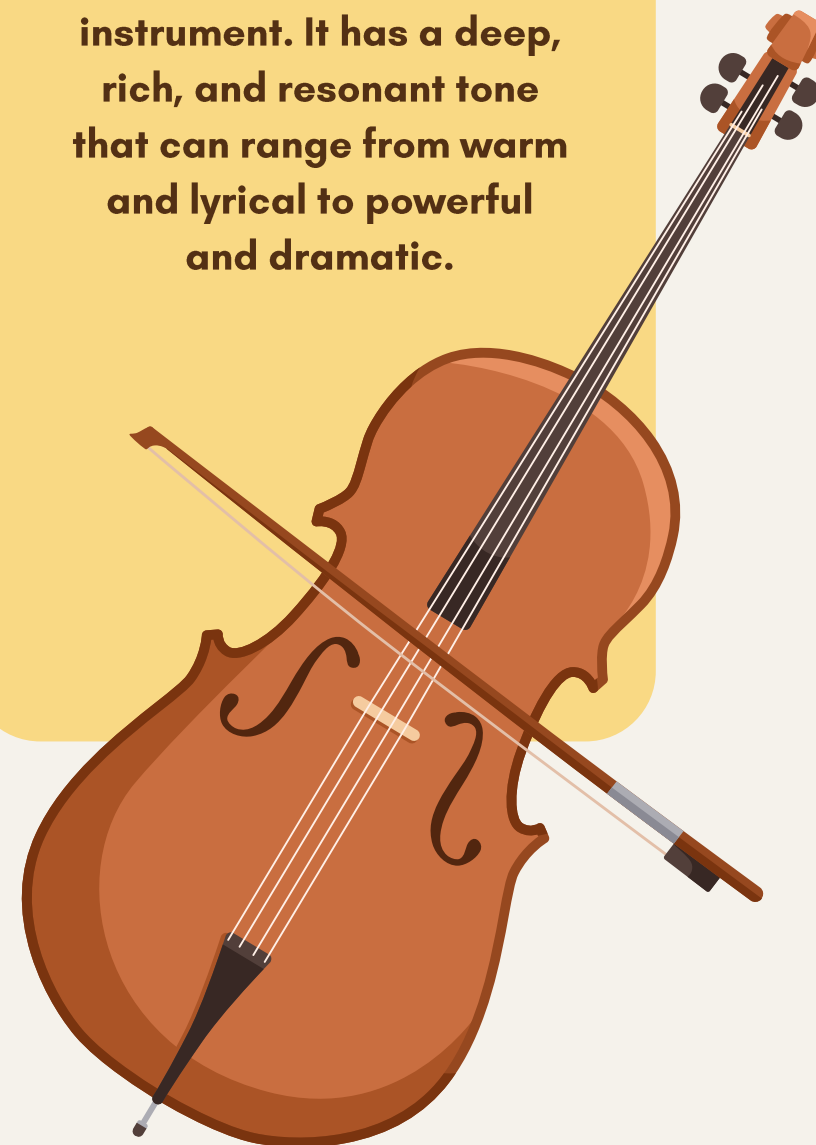
## Viola

A viola is a string instrument that's slightly larger than a violin and has a deeper, warmer tone.



## Cello

A Cello is a larger string instrument. It has a deep, rich, and resonant tone that can range from warm and lyrical to powerful and dramatic.



## Bass

Bass is the largest and lowest-pitched string instrument. It is essential for providing the foundational bassline in various musical settings.



# Woodwind Instruments

- Woodwinds produce sound by causing air to vibrate within a tube, and the method varies depending on the specific type of instrument.
- The pitch of the sound is controlled by opening and closing tone holes along the instrument's body.

## Examples

- Flute
- Clarinet
- Bassoon
- Oboe
- Saxophone



# Woodwind Instruments

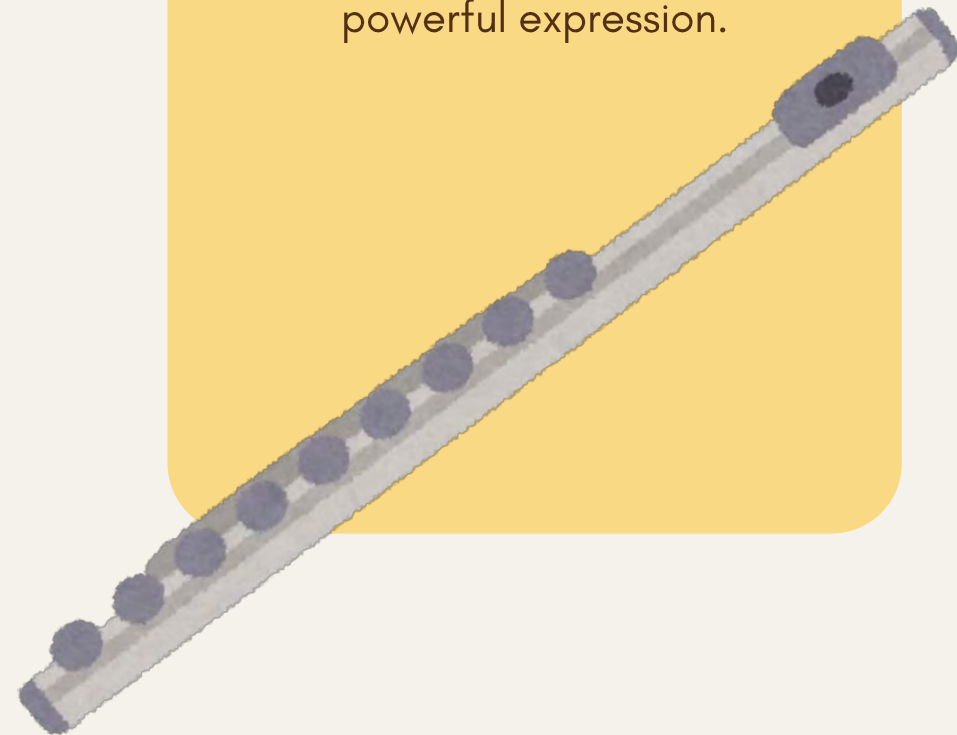
## Clarinet

Uses a reed, which vibrates when you blow air into the mouthpiece.



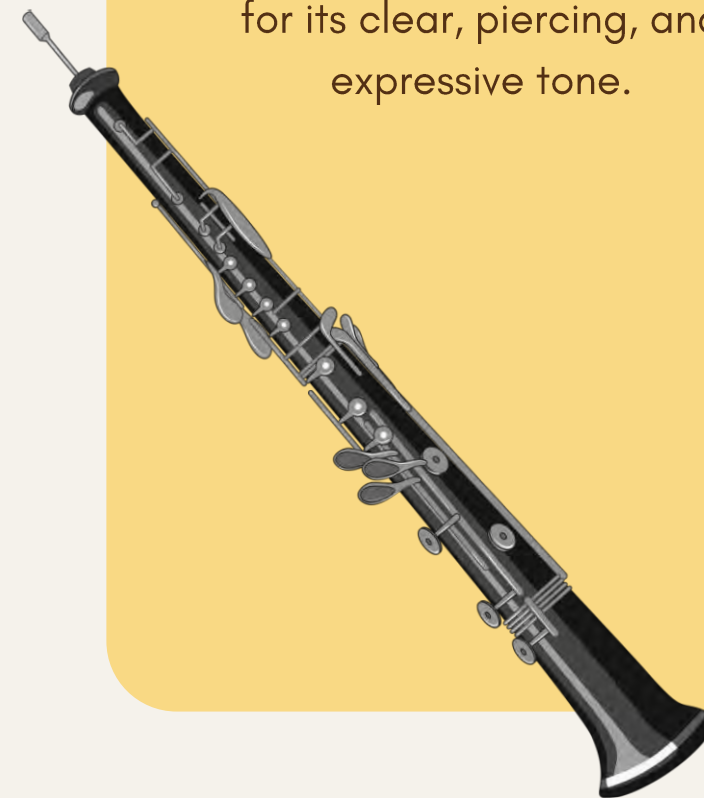
## Flute

Unlike other woodwinds, the flute does not use a reed to produce sound. Its tone is clear, bright, and versatile, capable of both gentle and powerful expression.



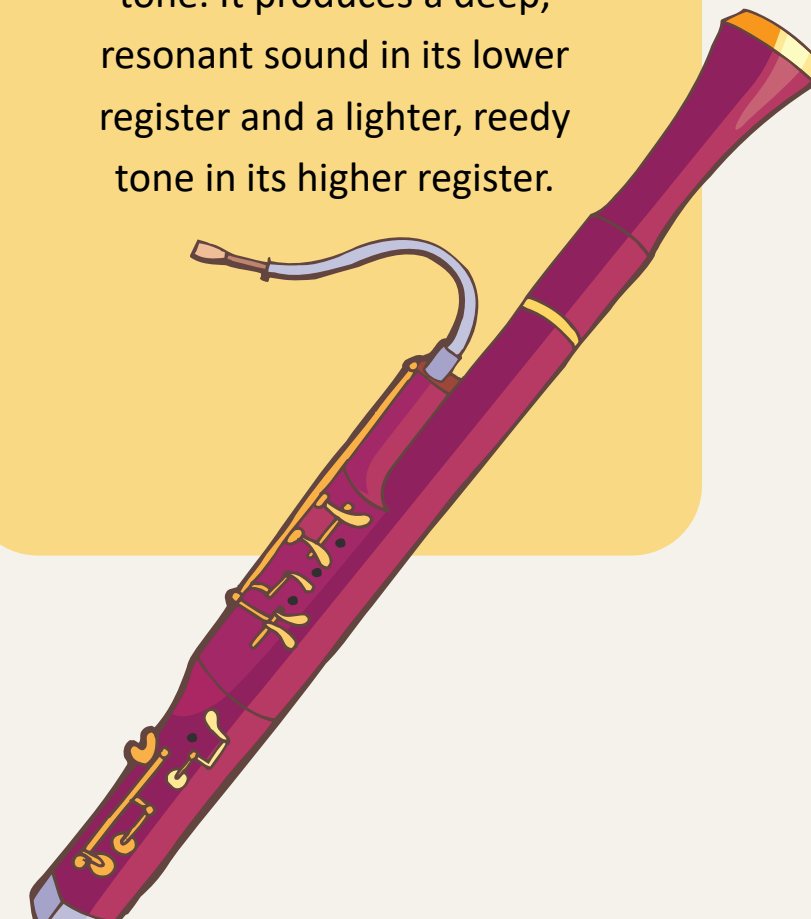
## Oboe

An oboe is a double-reed woodwind instrument known for its clear, piercing, and expressive tone.



## Bassoon

A bassoon is a 4ft tall woodwind instrument with a long, wooden body and a distinctive, warm, and rich tone. It produces a deep, resonant sound in its lower register and a lighter, reedy tone in its higher register.



# Brass Instruments

- Brass instruments are a family of wind instruments that produce sound by the vibration of the player's lips against a cup-shaped mouthpiece
- They are typically made of brass or other metals and are known for their powerful, resonant tones and ability to play both majestic and lyrical music.

## Examples

- Trombone
- French Horn
- Trumpet
- Tuba



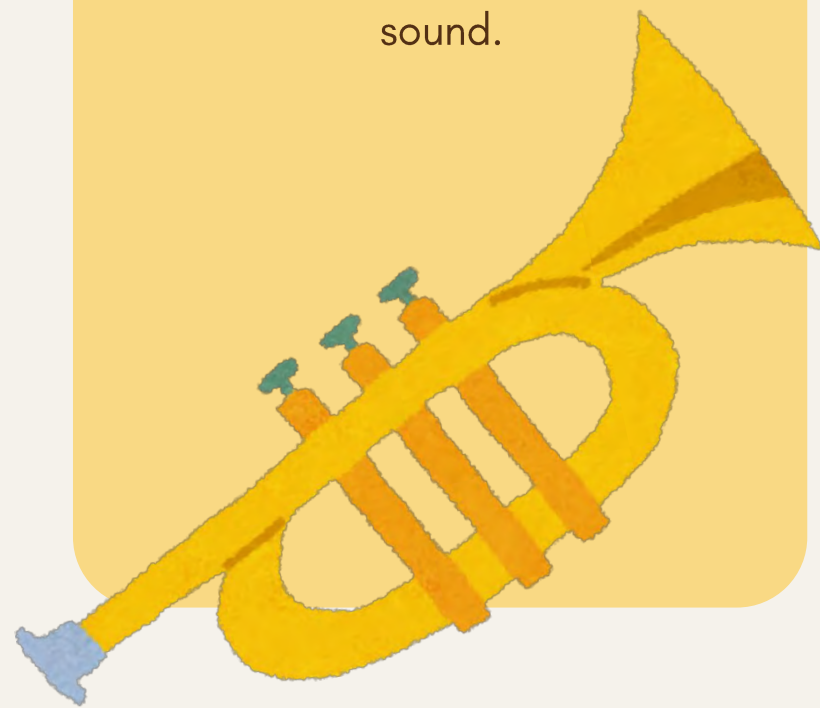


# Brass Instruments



## Trumpet

A trumpet is a high-pitched brass instrument known for its bright, vibrant, and versatile sound.



## Trombone

A trombone is a brass instrument that stands out for its unique slide mechanism, which allows the player to change pitch.



## French Horn

A French horn is a brass instrument known for its rich, warm tone and wide range. It has a distinctive circular shape and is often used in orchestra.



## Tuba

A tuba is the largest and lowest-pitched instrument in the brass family, known for its deep, resonant sound. It provides the bass foundation in orchestra.

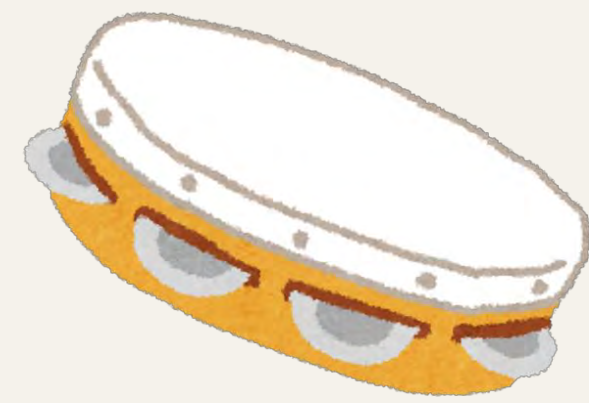
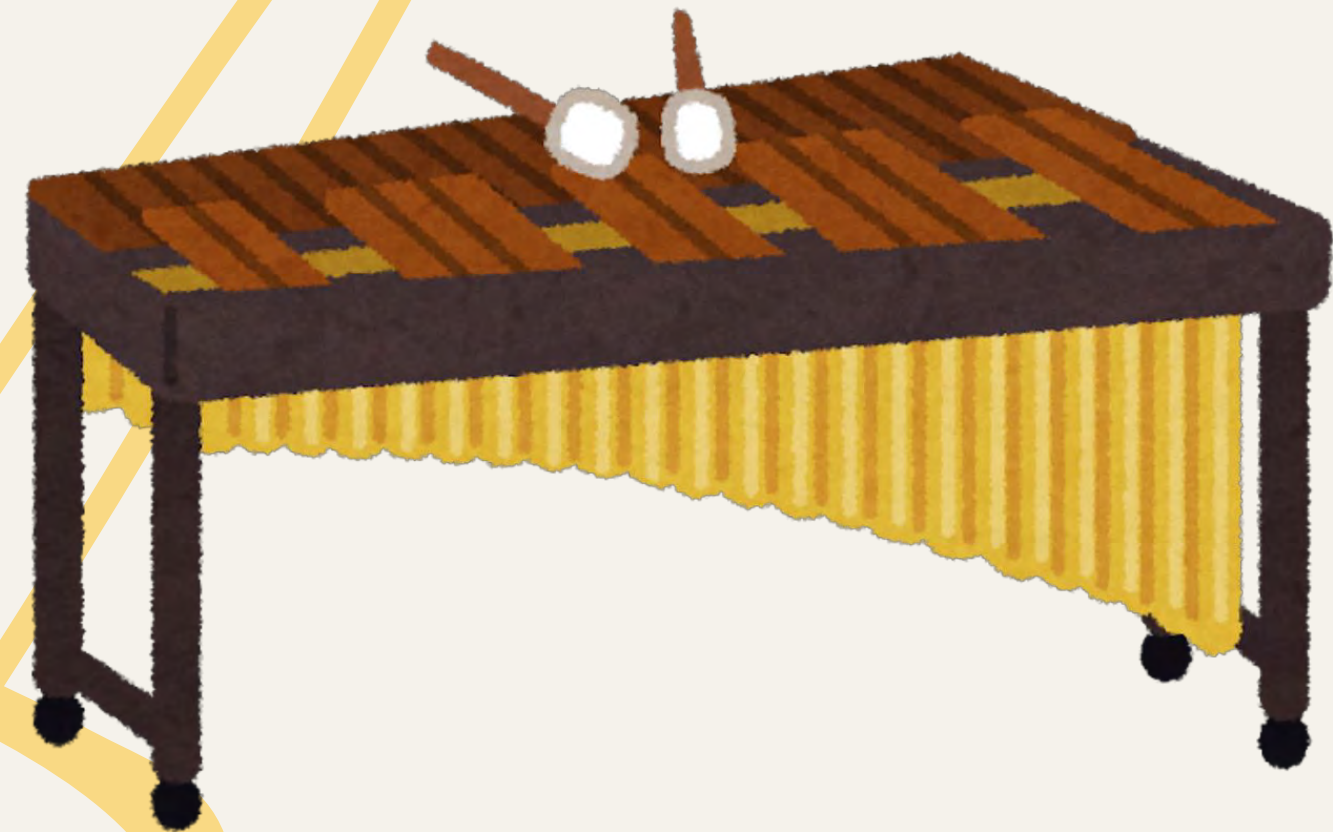


# Percussion Instruments

- Percussion instruments produce sound when you hit, shake, or scrape them. The vibration of the material creates the sound.
- They are usually used to keep rhythm or add special effects to music.

## Examples

- Drums
- Timpani
- Xylophone
- Piano





# Percussion Instruments

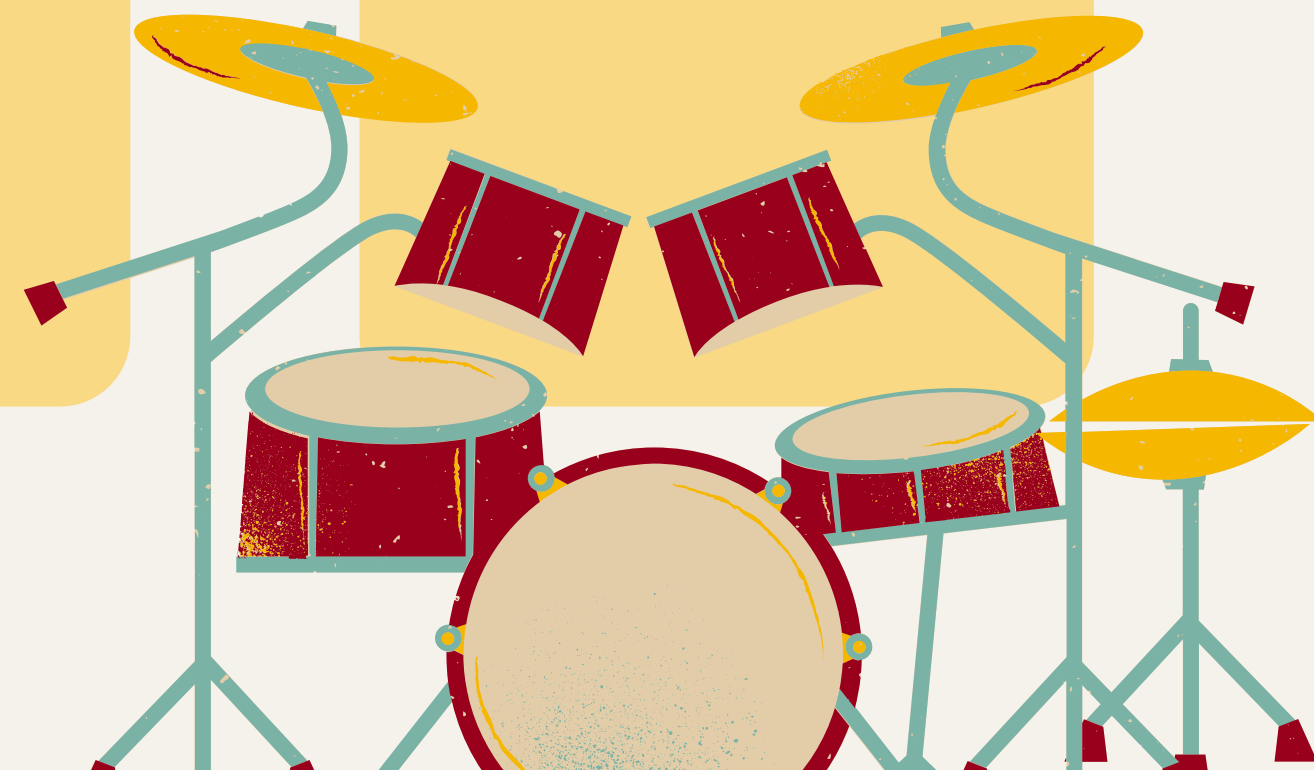
## Timpani

Timpani are large, tunable percussion instruments. They are known for their deep, resonant tones and their ability to provide both rhythmic support and dramatic emphasis.



## Drum set

A drum set is a collection of percussion instruments that are played by a single musician. The drum set provides both rhythm and, in some cases, melodic elements to the music.



## Piano

A piano is a large, versatile musical instrument. It is known for its ability to produce a wide range of sounds, from soft, delicate tones to powerful, resonant chords.



## Xylophone

A xylophone is a percussion instrument that consists of a series of wooden bars arranged in a keyboard-like layout. Each bar is tuned to a specific pitch.





And here's what  
they look like  
when the Maestro  
shows up...

