

APPlause!

K-12 Performing Arts Series



*Enriching lives, sparking imaginations,
and inspiring a love of learning through the arts!*

Western Piedmont Symphony: Explore the Orchestra!

November 9, 2022 | 10:00 am

Schaefer Center for the Performing Arts

APPlause!

K-12 Performing Arts Series

Before the performance...

Familiarize your students with what it means to be a great audience member by introducing these theatre etiquette basics:

- Arrive early enough to find your seats and settle in before the show begins (20-30 minutes).
- Remember to turn your electronic devices OFF so they do not disturb the performers or other audience members.
- Remember to sit appropriately and to stay quiet so that the audience members around you can enjoy the show too.

PLEASE NOTE:

***THIS EVENT IS SCHEDULED TO LAST APPROX 70 MINUTES.**
10:00am – 11:10am

- Audience members arriving by car should plan to park in the Rivers Street Parking Deck. There is a small charge for parking. Buses should plan to park along Rivers Street – Please indicate to the Parking and Traffic Officer when you plan to move your bus (i.e. right after the show, or after lunch) so that they can help keep everyone safe.
- Adults meeting a school group at the show will be asked to sign in at the lobby and wait to be escorted to their group by a security guard.



Presented by
The Schaefer Center for the Performing Arts



WESTERN PIEDMONT SYMPHONY

MATTHEW TROY, MUSIC DIRECTOR

Explore the Orchestra!

2022 - 2023
Teacher Guide

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INTRODUCTION

Explore the Orchestra! is a fun and informative educational concert created and performed by the Western Piedmont Symphony under the direction of Maestro Matthew Troy. This concert reinforces essential standards from the K-8 NC Essential Standards in Music and will help enable students to recognize the different instrument families of the orchestra and how they produce sound. Students will have an opportunity to hear the individual instruments, the instrument families, and how they work together to create the magic of a full symphony orchestra.

Concert Program

Symphony No. 5, Allegro con brio (excerpt)	Ludwig van Beethoven
Romanian Folk Dances (excerpt)	Belá Bartók
Nimbus 2000 from <i>Harry Potter and the Sorcerer's Stone</i>	John Williams
Fanfare from <i>La Peri</i>	Paul Dukas
Comedians' Galop	Dmitry Kabalevsky
Little Fugue in G minor	Johann Sebastian Bach
Hoe-Down from <i>Rodeo</i>	Aaron Copland
Main Title from <i>Star Wars</i>	John Williams

NC ESSENTIAL STANDARDS - MUSIC

"Western Piedmont Symphony: Explore the Orchestra!" meets a number of NC Essential Standards for Music. These are listed by grade, below.

Grade 3

Strand: Musical Literacy

Interpret the sound and symbol systems of music.

Interpret rhythm patterns, including notes and rests in 3/4 and 4/4 meter signatures.

Recognize standard symbols and traditional terms for dynamics, tempo, and articulation.

Strand: Musical Response

Understand the interacting elements to respond to music and music performances.

Illustrate the corresponding response to conductor gestures for meter, tempo, and dynamics. Use musical terminology when describing music that is presented aurally.

Use established criteria to evaluate music.

Identify the sounds of a variety of instruments and voices, including many orchestral instruments, instruments from various cultures, children's voices, and male and female adult voices.

Strand: Contextual Relevancy

Understand global, interdisciplinary, and 21st century connections with music.

Exemplify how music is used by various groups for artistic expression within the local community. Understand the relationships between music and concepts from other areas.

Grade 4

Strand: Musical Literacy

Interpret the sound and symbol systems of music.

Strand: Musical Response

Understand the interacting elements to respond to music and music performances.

Illustrate perceptual skills by moving to, answering questions about, and describing aural examples of music of various styles and cultures.

Explain personal preferences for specific musical works and styles, using appropriate music terminology. Design a set of criteria for evaluating music performances and compositions.

Classify instruments into Western orchestral categories of wind, string, percussion, and brass.

Strand: Contextual Relevancy

Understand global, interdisciplinary, and 21st century connections with music. Understand the relationships between music and concepts from other area.

NC ESSENTIAL STANDARDS - MUSIC

Grade 5

Strand: Musical Literacy

Apply understanding of standard symbols and traditional terms for dynamics, tempo, articulation, rhythm, meter, and pitch when reading and notating music.

Strand: Musical Response

Understand the interacting elements to respond to music and music performances.

Use music terminology in explaining music, including notation, instruments, voices, and performances. Exemplify appropriate behaviors as a participant and observer of music in relation to the context and style of music performed.

Classify classroom, Western orchestral, and world instruments into categories based on how their sounds are produced.

Strand: Contextual Relevancy

Understand global, interdisciplinary, and 21st century connections with music.

Understand how music has affected, and is reflected in, the culture, traditions, and history of the U.S. Understand the relationships between music and concepts from other areas.

Grade 6

Strand: Musical Literacy

Recognize expressive elements (such as dynamics, timbre, blending, and phrasing) of music. Interpret the sound and symbol systems of music.

Strand: Musical Response

Understand the interacting elements to respond to music and music performances.

Illustrate perceptual skills by moving to, answering questions about, and describing aural examples of music of various styles and cultures.

Analyze aural examples of music in terms of the basic musical elements and their interrelationships, using appropriate music terminology.

Identify criteria for evaluating performances, compositions, and musical ideas and apply the criteria in personal listening and performing.

Strand: Contextual Relevancy

Understand global, interdisciplinary, and 21st century connections with music.

Understand music in relationship to the geography, history, and culture of world civilizations and societies from the beginning of human society to the emergence of the First Global Age (1450). Understand the relationships between music and concepts from other areas.

PRE-CONCERT ACTIVITIES

THE CONDUCTOR AND THE CONCERTMASTER

OBJECTIVE:

Students will be able to describe the role of the conductor and concertmaster. Students will be able to recognize the location within the orchestra on stage of both the conductor and concertmaster.

TEACHING ACTIVITIES:

1. Introduce your students to the concept of the orchestra by talking about what an orchestra is. You may use the reference material in this guide to help you describe this concept. Show them the orchestra diagram. Have your students define the term *orchestra* by using dictionaries, encyclopedias, the internet, or other sources.
2. Allow students to discuss these concepts and then introduce them to the conductor and concertmaster. Explain to the students that these two musicians are leaders within the orchestra. Discuss the concept of leaders at school or within the community.

OPTIONAL ACTIVITIES:

CONDUCTOR CHARADES - Select one student to serve as the conductor. The remaining students will serve as the orchestra. Have the 'orchestra' clap along while the conductor leads. Can the orchestra follow the conductor if he/she conducts quickly, or slowly?

CONCERTMASTER CHARADES - Select one student to serve as the concertmaster. The remaining students will serve as the orchestra. Have the concertmaster sing a phrase. Can the orchestra sing it back with the same style and tempo? Have the concertmaster change the style. Can the orchestra repeat it back in the new style?

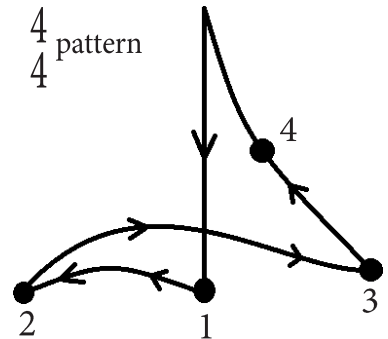
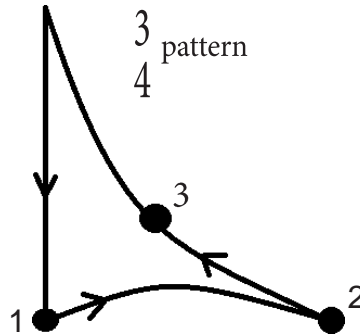
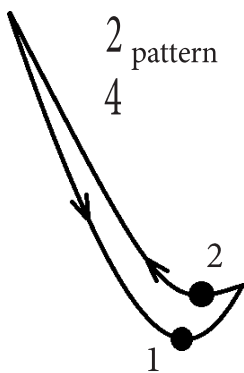
EVALUATION:

Students demonstrate understanding of the orchestra, the role of the conductor, and the role of the concertmaster through discussion, writing, and correctly answering questions.

THE ROLE OF THE CONDUCTOR

- The conductor is the leader of the orchestra. His or her role is similar to that of a teacher.
- The conductor communicates information to the orchestra members to help them do their jobs better.
- The conductor uses a series of motions to communicate ideas to the orchestra.
- The faster he or she moves his or her arms, the faster the orchestra will play. Slower arm movements mean the musicians will play slower. This is called the tempo.
- The same idea applies to the volume, or dynamics. The larger his or her arm motions, the louder the sound. Smaller motions mean a softer, quieter dynamic.
- In order to keep track of all the different instrumental parts, a conductor gets a special version of the music called a score.
- The score shows every musician's part. This allows the conductor to see how each instrument lines up and plays with the other instruments.
- Conductors will use information from the score to determine which instruments should play louder or softer at certain parts of the music.
- Conductors move his or her arms in patterns, based on how many beats per measure is written in the music. This is called the time signature.

Try having your students conduct the basic patterns below. Can they use big motions? Can they conduct slowly?



MEET YOUR CONDUCTOR



Matthew Thomas Troy is a conductor with a mission to make classical music accessible to everyone and to program concerts that are socially meaningful and relevant. He has conducted orchestras across the country including the North Carolina Symphony, Rochester Philharmonic, Oklahoma City Philharmonic, Portland Symphony, Greensboro Symphony, University of North Carolina School of the Arts Symphony, and the Salisbury Symphony. Maestro Troy is familiar to North Carolina audiences due to his previous work as associate conductor with the Winston-Salem Symphony.

Matthew Troy began his tenure as music director of the Western Piedmont Symphony (Hickory, NC) in the 2019-2020 season. He has held the position of music director and conductor of the Piedmont Wind Symphony (Winston-Salem, NC) since January 2015, where he has transformed this organization and received many accolades for these successes. Troy also serves as education conductor with the Oklahoma City Philharmonic, where he conducts the Discovery Family Series, educational concerts, Carnegie Hall's Link Up concerts, and other outreach efforts. Recently, he made his Classic Concert Series debut with the Oklahoma City Philharmonic, to wide acclaim. Troy has previously held positions as conductor of the Fibonacci Chamber Orchestra, the Wake Forest University Orchestra, and the Salisbury Youth Orchestra. He has also served as assistant conductor of the Salisbury Symphony Orchestra and the University of North Carolina at Greensboro (UNCG) Symphony. Troy has led performances with many internationally renowned pops and classical artists including Jennifer Koh, Ben Folds, Boyz II Men, Pink Martini, Dee Dee Bridgewater, Midori, Judy Collins, Anthony Dean Griffey, Eileen Ivers, The Wailers, Dmitry Vorobiev, and many others.

THE ROLE OF THE CONCERTMASTER

- The concertmaster is the Principal Violin.
- He or she sits in the first chair of the first violin section.
- From the audience, this is just to the left of the conductor.
- The concertmaster often acts as a liaison between the symphony members and the conductor.
- Often, they are the bridge for communication between the conductor and the rest of the orchestra.
- Occasionally in rehearsals, the conductor may ask the concertmaster to demonstrate a passage of music using a specific style or technique.
- The rest of the orchestra will then play the music using this same style.
- At the beginning of a concert, the concertmaster will walk on stage and signal the oboe player to play a single tuning note.
- He then tunes his instrument, signaling to the rest of the orchestra that they should do the same.
- This also helps the audience know that it's time to be quiet as the performance is about to begin!

MEET YOUR CONCERTMASTER



Dan Skidmore performs regularly in North Carolina as Concertmaster of the Western Piedmont Symphony, Salisbury Symphony and as Associate Concertmaster of the Winston-Salem Symphony. He is the violin instructor at Elon University and has also served on the violin faculties of Wake Forest University, the University of North Carolina at Greensboro, Appalachian State University, and Catawba College.

His concerto appearances have included the Sunriver Music Festival, the Winston-Salem Symphony, and the Salisbury Symphony. Skidmore holds a Bachelor of Music from West Virginia University, a Master of Music from Northwestern University, and a Doctor of Musical Arts degree from UNC-Greensboro, all in violin performance. His teachers include Mary Wilson, John Fadial, Blair Milton, and Charles Castleman.

PRE-CONCERT ACTIVITIES

FAMILIES AND INSTRUMENTS OF THE ORCHESTRA

OBJECTIVE:

Students will be able to name the instruments of the orchestra and place the instruments into their correct orchestral families. Students will be able to describe physical similarities and differences between orchestral instruments.

TEACHING ACTIVITIES:

1. Introduce your students to the concept of the orchestra and instruments by talking about what an orchestra is. You may use the reference material in this guide to help you describe this concept. Show them the orchestra diagram. Have your students define the terms *orchestra* and *instruments* by using dictionaries, encyclopedias, the internet, or other sources.
2. Allow students to discuss these concepts and then introduce them to specific instruments in the orchestra. Explain to students that these instruments fit into families within the orchestra. Discuss the concept of family within their own lives. Talk about similarities and differences within their own families.
3. Describe what the instruments are made of and what makes them similar and different.

OPTIONAL ACTIVITY:

INSTRUMENT CHARADES - Divide your class into two teams. Each team will take turns describing an instrument to their team. Students may use words and motions to describe their instrument (example: "This instrument is the largest instrument in the string family."), but the student may not say the name of the instrument itself.

EVALUATION:

Students demonstrate understanding of orchestral instruments, their families, and similarities and differences in physical appearance through discussion, writing, and correctly answering questions.

FAMILIES AND INSTRUMENTS OF THE ORCHESTRA

There are four families of instruments in the orchestra: strings, woodwinds, brass, and percussion. All instruments produce sounds by making vibrations. Each family is unique in many ways, such as the materials making up each instrument, how each instrument vibrates to produce sounds, how each instrument changes notes, and how each instrument sounds (high or low or loud or quiet). Details on each family are below, as well as one of the “special” instruments of the orchestra: the piano!

THE STRING FAMILY

All members of this family have strings and are made of wood. The violin, viola, cello, and bass look very similar except for size and the way they are held. They are played using a bow made of horse hair to drag across the strings, or by plucking strings with the fingers.

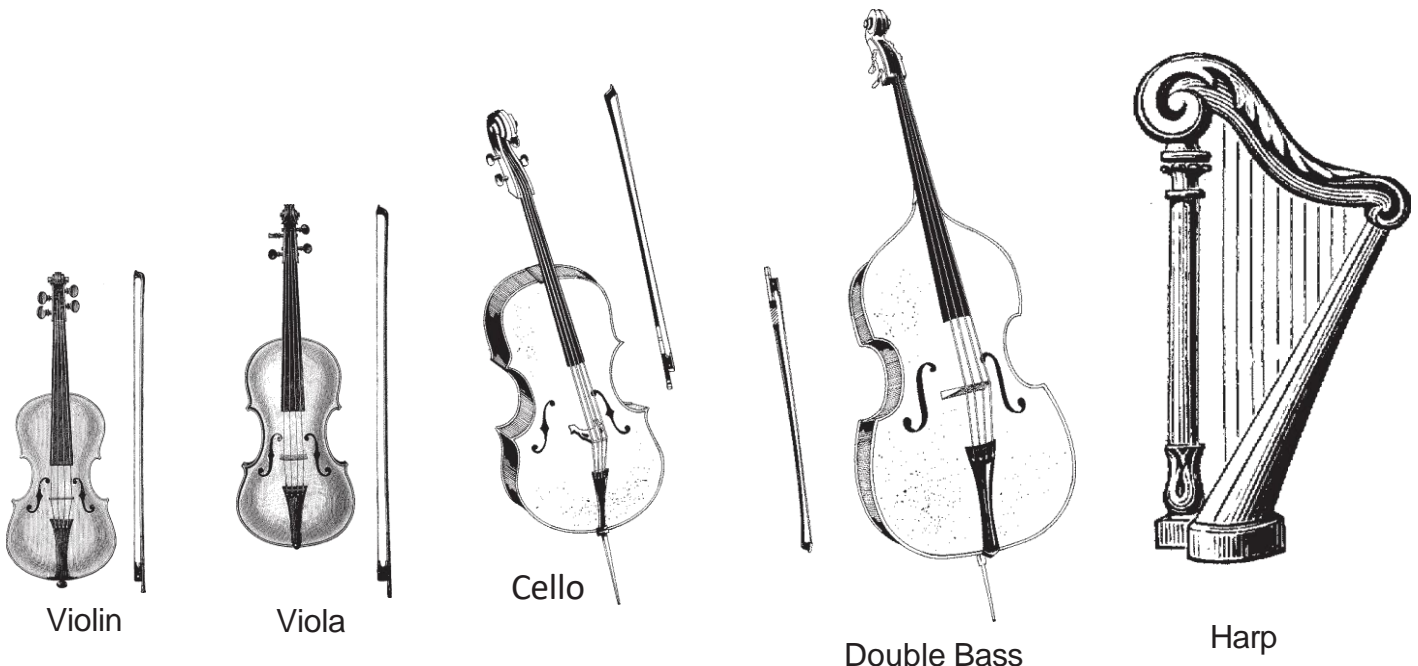
The **Violin** is the smallest member of the string family and plays the highest pitches. It is held under the chin and rests on the shoulder. The violin has a bright tone.

The **Viola** is slightly larger and can play lower pitches. It is also held under the chin, resting on the shoulder. The viola has a darker, warmer tone than the violin.

The **Cello**, also called the Violincello, is much larger than the violin and viola. The musician must be seated and hold the cello between the knees. Since it is larger, it can play lower pitches than both the violin and viola.

The **Bass**, also called the Double Bass, is the largest member of the orchestral string family and makes the lowest sounds. The musician stands up or sits on a tall stool to play.

The **Harp** has a different shape. It is large and triangular, with 47 strings and 7 pedals. The strings are played with fingers of both hands plucking strings.



THE WOODWIND FAMILY

*Instruments labeled * are also used in band programs!*

At one time, all instruments in the woodwind family were made of wood. The musician's wind or air is blown across a reed or mouthpiece. Pitches are changed on different size tubes by pressing keys with the fingers.

The **Flute*** is now made of silver or gold. The sound is made by the musician blowing air across the small hole in the mouthpiece. The flute has a clear, bird-like sound.

The **Piccolo*** is like the flute, except it is much smaller and made of silver or wood. The piccolo has a high, piercing sound. Both the flute and piccolo are held horizontally on the right side of the musician.

The **Clarinet*** is different from the flute and piccolo. It is held vertically in front of the player and uses a mouthpiece with a single, thin piece of wood called a "reed." The player blows air between the reed and the mouthpiece to make the sound.

The **Oboe*** has a mouthpiece that uses two reeds tied together called a "double reed". It is held like the clarinet and has a unique sound.

The **Bassoon*** has a double reed like the oboe. The bassoon is a large tube with keys on one side. It is so large that a musician must attach a strap to one end of the bassoon and sit on the other end to help hold the instrument. It is held to the right side of the body, and is sometimes as tall as the musician!



Flute*



Oboe*



Clarinet*



Bassoon*

THE BRASS FAMILY

*Instruments labeled * are also used in band programs!*

The brass family includes instruments that are made of metal and vary in size. Sound is made by the player's lips buzzing into the mouthpiece.

The **Trumpet*** has three valves that are used to change the pitches. The trumpet is the highest sounding member of the brass family. It has a bright, brilliant tone and is held straight in front of the musician.

The **French Horn*** is made of 15 feet of narrow tubing wound in circles. The French horn is held slightly to the right side of the musician with the bell facing backward. Three valves are used to change the pitch with the left hand while the right hand is inside the bell. The French horn has a rich, mellow sound.

The **Trombone*** is larger than the trumpet and French horn and thus plays lower pitches. It has a slide to change the length of the instrument, therefore changing the pitch. The trombone is held in front of the person playing and has a bright, smooth sound.

The **Tuba*** is the largest member of the brass family and plays the lowest pitches. It is held in the musician's arms and rests in the lap. Five valves change the sounds. The tuba has a deep, mellow sound.



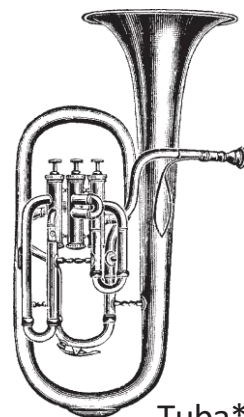
Trumpet*



Trombone*



French Horn*



Tuba*

THE PERCUSSION FAMILY

*Instruments labeled * are also used in band programs!*

Percussion instruments are played by striking or scraping one object against another, or also by shaking the instrument. Some percussion instruments have pitch while others make unpitched sounds. The percussion instruments provide rhythm, texture, and different tone colors for the orchestra. A few are below.

The **Snare Drum*** is made of a drumhead stretched tightly over a metal frame. The top drumhead is struck with wooden drumsticks while the bottom drumhead has metal snares stretched tightly across it, giving the drum its characteristic rattling sound. It is frequently used in marching bands.

The **Bass Drum*** is a much larger drumhead and frame. It is played with a soft mallet and has a booming sound.

The **Timpani* or Kettle Drums*** were the first drums used in an orchestra. Most orchestras use three or four different sizes and each timpani has a large bowl-shaped body made of copper with drumhead stretched across the top. The timpani are struck with felt-tipped, wooden mallets. The instrument has a focused and powerful sound that can be controlled in both pitch and dynamics. It makes a rolling sound like thunder.

The **Chimes*** have 12 to 18 metal tubes hanging from a metal frame. They are pitched tubes that ring when struck with a wooden mallet and have a ringing sound like church bells.

The **Xylophone*** is made of wooden bars laid horizontally across a metal frame. Each bar has a different pitch that is struck with a hard or soft mallet to produce sounds.

The **Tambourine*** is a small drum with metal jingles set into the edges. It is held in one hand and makes sound by using the other hand to tap, shake, or hit it.

The **Triangle*** produces a high, tinkling sound. It is made by striking the triangle with a small, metal mallet.



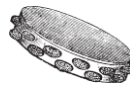
Bass Drum*



Snare Drum*



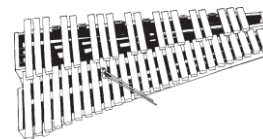
Timpani*



Tambourine*

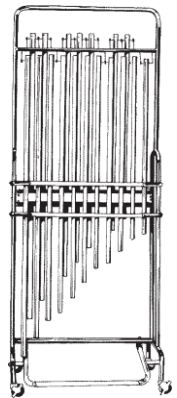


Triangle*



Xylophone*

Chimes*



Piano



SPECIAL INSTRUMENTS

The piano is called a Special Instrument because it belongs to more than one family in the orchestra. On the piano, the sound is produced by small hammers striking strings. The hammers are controlled mechanically and strike the strings when the player's fingers press the piano keys. Therefore, the piano fits into both the string family as well as the percussion family.



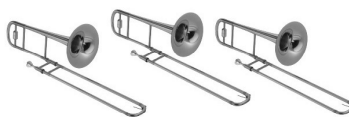
BASS DRUM



SNARE DRUM



TRUMPETS



TROMBONES



FRENCH HORNS



TUBA



TRIANGLE



CYMBALS



PIANO

CLARINETS



BASSOONS



TIMPANI

OBOES



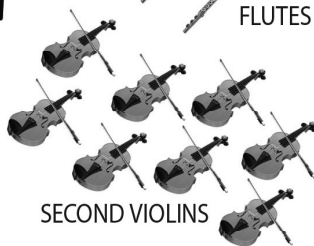
FLUTES



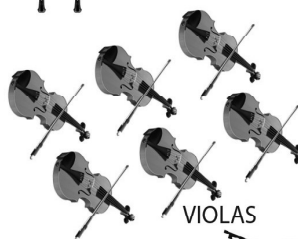
CHIMES



HARP



SECOND VIOLINS



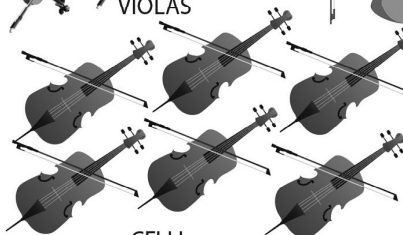
VIOLAS



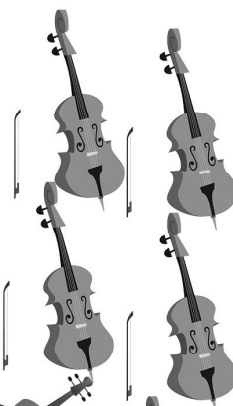
XYLOPHONE



FIRST VIOLINS



CELLI



DOUBLE BASSES



CONDUCTOR

PRE-CONCERT ACTIVITIES

MEET THE COMPOSERS AND THEIR MUSIC

OBJECTIVE:

Students will learn about the composers and music featured in the concert as well as improve their listening skills.

TEACHING ACTIVITIES:

For each piece:

1. Discuss the composer's life and listen to each piece that the composer wrote.
2. Discuss the featured families and/or instruments in each piece (a listening map is provided to assist you).
3. Have students write down everything they hear in the piece.
4. Lead a general discussion by asking questions such as:
 - Did the music make you think of a person or thing?
 - What did you feel when you listened to the music? Why did you pick that word?
 - Does the music make you want to dance in a certain way?

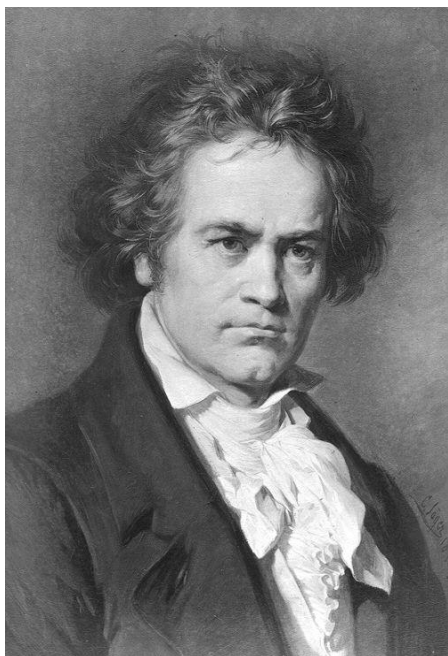
EVALUATION:

Students demonstrate an understanding of the composers and music to be heard at the concert, as well as an improvement of their listening skills, through active participation, written exercises, and oral discussion.

Concert Pieces for Study

Symphony No. 5, Allegro con brio (excerpt)	Ludwig van Beethoven
Romanian Folk Dances (excerpt)	Belá Bartók
Nimbus 2000 from <i>Harry Potter and the Sorcerer's Stone</i>	John Williams
Fanfare from <i>La Peri</i>	Paul Dukas
Comedians' Galop	Dmitry Kabalevsky
Little Fugue in G minor	Johann Sebastian Bach
Hoe-Down from <i>Rodeo</i>	Aaron Copland
Main Title from <i>Star Wars</i>	John Williams

MEET THE COMPOSERS AND THEIR MUSIC



Ludwig van Beethoven (1770-1827)

Symphony No. 5, Movement 1 (*Allegro con brio*)

- Born in Bonn, Germany on December, 1770 and died March 27, 1827.
- Beethoven insisted that he was born in 1772 despite being presented multiple times with legal papers that state otherwise.
- His mother was the primary caretaker of the children, while his father was a court singer.
- Beethoven looked up to his grandfather most, for being Bonn's most distinguished musician.
- His father began teaching him the harpsichord and violin at a very young age, and he had his first solo concert at the age of 7.
- He withdrew from school at the age of 10 to study music full time.
- The court where Beethoven worked sent him to Vienna to further his music skills in 1787.
- Beethoven's career began as a pianist rather than a composer.
- His career as a composer began in his 20's after studying with Joseph Haydn, Antonio Salieri, and Johann Alberchtsberger.

- He began composing for only piano, then graduated to chamber music and full symphonies.
- Beethoven lost his hearing in his early 30's, but continued to compose music at a very quick pace.
- During his "middle" or "heroic" period, while losing his hearing and after becoming deaf, Beethoven composed an opera, six symphonies, four solo concerti, five string quartets, six string sonatas, seven piano sonatas, five sets of piano variations, four overtures, four trios, two sextets and 72 songs.
- Beethoven died on March 26, 1827, at the age of 56.

Listening Notes for Beethoven's Symphony No. 5—Movement I (*Allegro con brio*):

- In Movement I, Beethoven introduces his familiar, four-note motive and passes it around to each of the four instrument families (strings, brass, woodwinds percussion) throughout the movement.
- Some instruments can make high sounds and some can make low sounds. This is called the **Range**.
- About a minute into the piece, the orchestra gets louder and presents the motive in a **major key**. Does it sound happier here than it did at the beginning?
- About a minute and a half into the piece, the four-note motive returns in its original, **minor key**.
- This piece is a good example of the use of **Tone Color**, the unique sound of each instrument, and how Beethoven uses **ALL** of the instruments to create a full, orchestral sound.



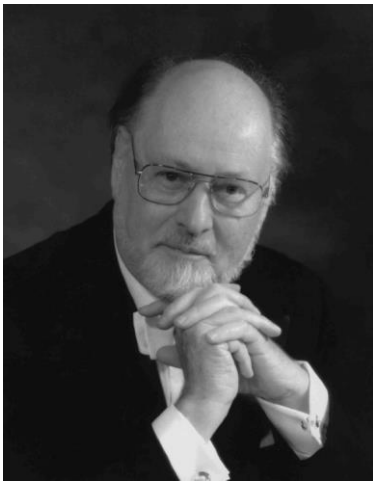
Béla Bartók (1881 - 1945)

Romanian Folk Dances

- Born in Hungary on March 25, 1881
- Béla displayed musical talent early in life. By the age of four he could play 40 pieces on the piano.
- In 1908, he traveled into the countryside to collect and research old “Magyar” folk melodies, which later inspired some of his most famous works.
- He often used a phonograph to record and document folk songs on his travels. These recordings allowed him to create compositions with more authentic scales, sounds, and rhythms from Hungarian folk culture.
- In 1940, at the outbreak of World War II, Béla and his family fled Hungary and emigrated to the United States, where he remained until his death in 1945.
- Béla is considered one of the most important composers of the 20th century, known for combining folk elements into his modernist musical style.

Listening Notes for Romanian Folk Dances

- *Romanian Folk Dances* is a piece only for strings. The strings are seated at the front of the orchestra and all of their instruments are made of wood.
- Strings produce their sound by either drawing the bow across the string, which causes the string to vibrate, or the strings are plucked.
- You will also notice that the larger the instrument the lower the sound and the smaller the instrument the higher the sound.
- Listen for how the strings move their bows faster and faster as the piece builds to a climactic finish.



John Williams (1932-)

Nimbus 2000 from *Harry Potter* and the Main Title from *Star Wars*

- Born on February 8, 1932 in Flushing, Queens, New York.
- Father was a jazz drummer who played with the Raymond Scott Quintet.
- Premiered his first original composition (a piano sonata) at age 15.
- Moved to Los Angeles at age 16 and attended North Hollywood High.
- He was drafted into the armed forces in 1952 where he composed music for the Air Force Band.
- He studied at UCLA and at Julliard, focusing on piano.
- He was the 19th conductor of the Boston Pops Orchestra and held that position for 12 years.
- He has composed film scores for movies such as *Jaws*, the *Star Wars* saga, *Superman*, *Indiana Jones*, *Jurassic Park*, *E.T.* - *The Extra Terrestrial*, *Schindler's List*, and *Harry Potter*.

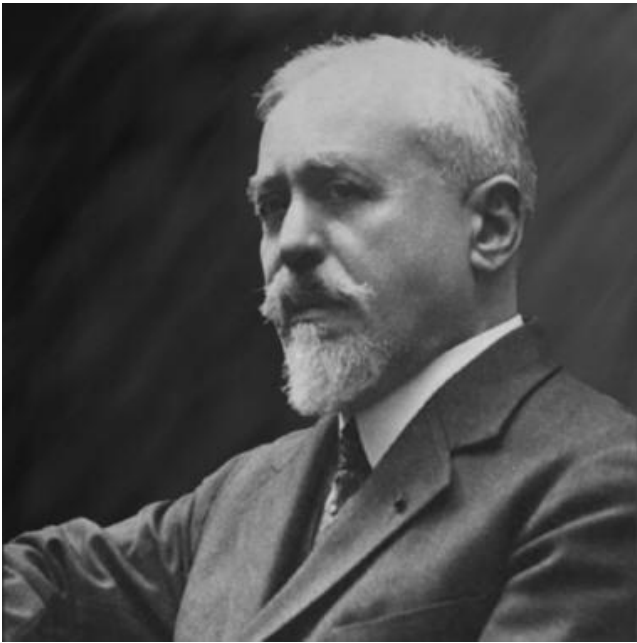
- In 1977, he composed the film score for the first *Star Wars* movie, *Star Wars Episode IV: A New Hope*.
- Said to be inspired by the 1942 film *Kings Row*, this film score is one of the most famous scores Williams has ever composed.
- He has been nominated for over 41 Oscars and has won 5.

Listening Notes for Nimbus 2000

- The woodwind section is featured on this piece from "Harry Potter" that is about the famous broom, Nimbus 2000, that Harry uses for his quidditch matches.
- The woodwinds are called "wood" winds because they are all made of wood. Most flutes are now made of metal but were made of wood a long time ago.
- These instruments produced their sound by blowing air into the instrument or across the top of the instruments. Some, like clarinets, have a reed that attaches to a mouthpiece that vibrates and helps to create their sound. Oboes and Bassoons have two reeds that vibrate together to create their distinctive sound.
- Listen for how the composer, John Williams, uses the sound of the wind instruments to illustrate flying high in the sky during a game of quidditch.

Listening Notes for Star Wars: Main Title

- Challenge your students to identify the different elements of music that have been discussed earlier: melody, rhythm, tone color, pitch, tempo, and dynamics. A few key sections are noted below.
- The main melody opens the piece with the trumpets, then it is heard again in the horns.
- Notice the strength of the rhythm when all instruments are playing in unison
- Tone Color: Notice the change in tone color from the main melody in the trumpets to the strings. How does the harp glissando add to the color?
- Pitch: The piccolo is much higher compared to the brass. The low strings provide a deep sound in contrast to the flutes.
- Tempo: Listen for the rhythm to gradually slow down around, or *rallentando*, at approximately 1:30, then return to a tempo at 2:00.
- Dynamics: The piece opens *forte*, then *decrescendos* around one minute in, then *crescendos* into the unison section at 1:40.



Paul Dukas (1865 - 1935)

Fanfare from *La Péri*

- Paul Dukas was born in Paris, France on October 1, 1865.
- He entered the *Conservatoire de Paris* at the age of 16 and studied piano.
- In 1912, he wrote a ballet, *La Péri*, which depicts a young Persian prince who travels to the end of the Earth in a quest to find the lotus flower of immortality, guarded by a fairy.
- The ballet opens with a “fanfare”, in order to give noisy audiences time to settle in their seats before the show began.

- Dukas’s most well-known work is *L’apprenti sorcier* (The Sorcerer’s Apprentice), which was famously featured in Disney’s *Fantasia*.

Listening Notes for Fanfare from *La Péri*

- The brass section plays this great fanfare by Paul Dukas.
- These instruments are all made of metal, i.e. brass.
- They produce their sound by "buzzing" their lips together on a mouthpiece that attaches to the top of the instrument.
- Essentially, brass instruments are just one long metal tube that is carefully curled and arranged to make a beautiful sound.
- During this piece, pay close attention to the power of the brass section. This is why dazzling fanfares are often played by brass instruments.



Dmitry Kabalevsky (1904 - 1987)

Comedians' Galop

- Kabalevsky was born in Saint Petersburg on December 17, 1904, but moved to Moscow at a young age.
- He graduated from the Academic Music College in Moscow in 1922 and later studied at the Moscow Conservatory, where he learned composition.
- During the 1930's, he wrote music for the emerging genre of films with sound. However, his biggest contribution to music was his consistent effort to connect children to music.
- *Comedians' Galop* is part of an orchestral suite of ten numbers called *The Comedians*. This suite is a collection of music originally written by Kabalevsky for a children's play called *The Inventor and the Comedians*.

Listening Notes for Comedians' Galop

- The percussion section is the highlight of this piece.
- Percussion instruments come from all over the world. They make their sound by being hit or struck in some way. Some have a clear pitch that you can sing (like the timpani), while others have an indefinite pitch that cannot be sung (like the snare drum).
- All of these instruments are unique and add an impact and dramatic feeling to the music of the orchestra. During this piece, listen to how the percussion section works together to add color and new sounds to the orchestra.



J. S. Bach (1685 - 1750)

Fugue in G minor

- Johann Sebastian Bach was born March 31, 1685 in Eisenach, Germany.
- He grew up in a family of remarkable musicians and his older brother, Johann Christoph, helped young Bach further his music education.
- In 1703, Bach got his first job as a musician in the court of Duke Johann Ernst in Weimar, Germany.
- Later that same year, he was appointed to the position of organist at New Church in Arnstadt, Germany at 18 years old.
- Bach was skilled on both harpsichord and organ. During his lifetime, he was known more for his organ playing than his composing. He is now regarded as one of the greatest composers of all time.
- His composition style was influenced by many musical styles from across Europe and inspired other great composers like Mozart and Beethoven.
- Bach had 20 children and 4 of his sons also became successful musicians and composers.
- His compositions are known for their use of techniques such as *counterpoint* (playing multiple melodies at once) and *fugue* (repetition of a melody with slight variations throughout the piece).
- Our listening piece “Fugue in G minor” is a great example of Bach’s fugue writing!

Listening Notes for Fugue in G minor:

- This piece is an example of **TEMPO** (the speed of the music) and **VARIATION** (material repeated in an altered form).
- This piece opens with a solo clarinet playing the melody. This melody is one that we will hear repeated many times throughout the piece to create the **Fugue**. Notice the tempo—is it fast or slow?
- Listen as the melody is passed to a new instrument. Does the tempo change or stay the same?
- Listen for variations of the melody throughout the piece. Listen for the original melody, can you still hear it?
- On the concert, this piece will be used to demonstrate the role of a conductor. You may pair this piece with the conductor section in the teacher guide.
- The version of Fugue in G minor that we are playing at our concert is actually an arrangement by Lucia Caillet, who was a French-American composer, arranger, and clarinetist with the Philadelphia Orchestra.



Aaron Copland (1900 - 1990)

Hoe-Down from *Rodeo*

- Born on November 14, 1900 in Brooklyn, NY.
- He was the youngest of five siblings.
- His mother sang, played the piano, and arranged for her children to have music lessons.
- He began studying with his first, professional piano teacher in 1914 and gave his first public performance as a pianist in 1917.
- Enrolled in the American Conservatory in Fontainebleau, France and studied composition with Nadia Boulanger.
- He is best known for his use of slow-changing, open harmonies that evoked vast American landscapes and the pioneer spirit.
- During the years of the Great Depression, Copland traveled extensively in Europe, Africa, and Mexico.

- The 1940's were some of his most productive years as a composer, with the completion of his famous works, *Rodeo*, *Appalachian Spring*, *Lincoln Portrait*, and *Fanfare for the Common Man*.
- In 1949, he traveled to Europe and was influenced by the techniques of avant-garde composers Pierre Boulez and Arnold Schoenberg.
- During his later years, Copland's focus changed from composition to conducting.
- He died on December 2, 1990 in North Tarrytown, NY.

Listening Notes for Hoe-Down from *Rodeo*:

- This piece is an example of **TONE COLOR**.
- The piece opens with a quick cymbal exclamation and the whole orchestra playing together at a loud dynamic, creating a strong sound that gets the attention of the audience.
- Next, we hear trumpets and strings having a conversation, trading a short motive back and forth to one another. How is the tone color of the trumpets different from that of the strings?
- When the piano enters, the strings alternate between bowing and plucking their instruments. We have a shorter, more detached sound in this section and the wood block mimics the clapping of horse hooves.
- When the orchestra resumes, the strings and xylophone play together. Listen for the connected, smooth sound of the strings versus the striking, percussive sound of the xylophone.
- Next, a solo oboe takes over the melody and plucked strings accompany, then the melody passes briefly to solo violin.
- Then, there is a return to the short, clapping hooves motive. This time, low brass lead the orchestra out of this section in a gradual *ritardando* (slowing down).
- Finally, the strings and cymbal return with the main theme as the entire orchestra joins in with loud dynamics to create a full, open sound. Hear the instant change in tone color!

PRE-CONCERT ACTIVITIES

CONCERT ETIQUETTE

OBJECTIVE:

Students will understand what to expect at the concert and learn about appropriate concert behavior.

DISCUSS THE FOLLOWING WITH YOUR STUDENTS:

1. **ARRIVAL** - After being seated, have your students watch the musicians on stage.
 - The musicians are warming up, just like an athlete.
 - It is important that their instruments and bodies are ready to perform.
2. **CONCERTMASTER** - When it is time for the concert to begin, the concertmaster will enter the stage.
 - Refer to the section on Page 3 for more information.
3. **MAESTRO** - When all of the players have tuned their instruments, it is time for the maestro, also known as the conductor, to come on stage.
 - Refer to the section on Page 4 for more information.
4. **MANNERS** - Just as good manners are important in your homes and your classrooms, they are important at orchestra concerts.
 - No talking. It distracts others and you cannot talk and listen at the same time.
 - Do not leave your seats during the performance.
 - If seated in a balcony, never throw or toss any items over the balconies.
 - Those acting inappropriately will be asked to leave the performance.

TEACHING ACTIVITIES:

1. **WRITING** - Divide your students into groups of four or five and give each group one of the topics listed above. Have the students collectively write a small paragraph of what should happen at the concert, such as what the maestro will do or how they should behave. Have each group share their paragraph with the rest of the class.
2. **ROLE PLAYING** - Divide your students into groups of four or five and give each group one example of either good or bad concert behavior. Have your students act out each example and ask the rest of the class to guess the situation and whether or not it is acceptable concert etiquette.

EVALUATION:

Students demonstrate understanding through discussion, writing, and role playing.

INFORMATION FOR TEACHERS

DAY OF THE CONCERT

LOCATION:

The Schaefer Center is located on the campus of Appalachian State University at 733 Rivers Street, Boone, NC.

PARKING:

On performance days, campus parking and traffic officers will be available to assist you with parking. Typically, buses will be asked to park along Rivers Street in front of the Schaefer Center. Please communicate with the parking and traffic officer about your length of stay while parking.

Cars must park in the Rivers Street Parking Deck. Please pre-purchase your parking pass and pick it up at the box office on the day of the performance. Otherwise, bring cash and expect to pay around \$5 for parking. Please see <http://parking.appstate.edu> for more information about parking at Appalachian State University.

ARRIVAL PROCEDURE:

Please arrive 30 minutes prior to the start of a performance. This will allow adequate time to find your seat and make those last minute trips to the restrooms! Our performances will start on time and once a show has begun, your group will not be seated until there is a break in the action on stage.

SEATING:

Groups of ten or more will be assigned seats prior to the performance. Seating charts may be emailed to the main contact at the school just prior to the performance date. Groups of fewer than ten will pick up their tickets at the box office on the morning of the performance and will be escorted into their seats by an usher. We make every effort to accommodate the needs of your group.

CONCERT

The concert lasts approximately 45 minutes.

PHOTOGRAPHY AND AUDIO/VIDEO RECORDING

No photography, audio, or video recording of any kind is allowed during the performance.

For more information on venue policies and procedures, please visit www.theschaefercenter.org/applause

POST-CONCERT ACTIVITIES

ACTIVITY WORKSHEETS AND LETTER WRITING

CONCERT MATERIALS - Additional information, exercises, and activities provided in these materials will allow you to complete the concert experience with your students.

TEACHER EVALUATIONS - We will send a link via email to the concert evaluation following the performance. We appreciate your feedback.

OBJECTIVE:

Students will complete the following activity worksheets about instruments, families of the orchestra, and composers.

TEACHING ACTIVITIES:

1. Review the instruments and four families of instruments in the orchestra.
2. Make copies of the following worksheets and have students complete them.
3. Discuss the concert experience with your students.

EVALUATION:

Students demonstrate understanding of the instruments and families of the orchestra through discussion, answering questions, and correctly completing activity worksheets.

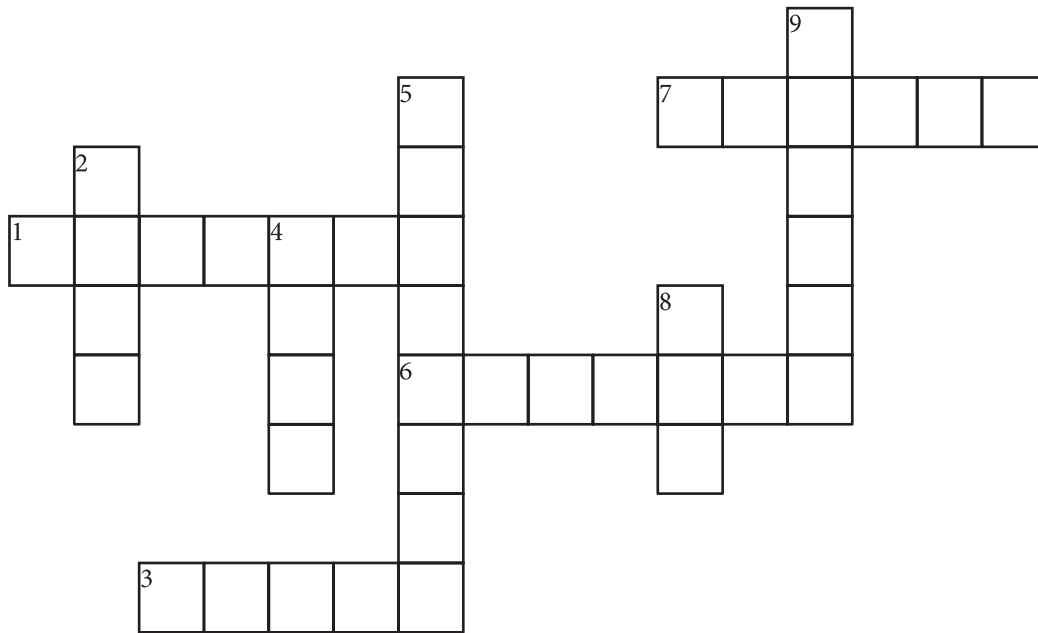
ADDITIONAL FOLLOW-UP ACTIVITY:

Letters to the orchestra, conductor, and/or staff are greatly appreciated and help students develop their letter-writing skills. Letters may be addressed to our conductor, Matthew Troy, or any musician or staff member. Musician names and staff members can be found online at www.wpsymphony.org

Please send letters to:

Western Piedmont Symphony
243 3rd Ave NE, #1N
Hickory, NC 28601

ORCHESTRA CROSSWORD PUZZLE



ACROSS:

1. Another name for the conductor.
3. The only instrument in the woodwind family that does not use a reed to produce sound.
6. The largest instrument in the woodwind family.
7. An instrument in the percussion family that is made of metal tubes which stand vertically and are struck by a hard mallet.

DOWN:

2. This is considered a special instrument, as it is a member of both the percussion and string families.
4. The largest instrument in the brass family.
5. This instrument uses a slide to change pitch instead of valves.
8. This is made of wood and horse hair, and is used by string players to make sound.
9. The smallest instrument in the string family.

WORD BANK:

Chimes
Tuba
Maestro

Bow
Violin
Trombone

Harp
Flute
Bassoon

ORCHESTRA PICTURE ACTIVITY

Which instrument does not belong to the same family as the others? (Circle the incorrect instrument)



ORCHESTRA WORD TIC-TAC-TOE

Can you connect three squares of instruments that are in the same family?

TUBA	VIOLIN	TRUMPET
CLARINET	VIOLA	CELLO
XYLOPHONE	DOUBLE BASS	TROMBONE

VIOLA	TUBA	GONG
VIOLIN	CHIMES	TRIANGLE
TIMPANI	CELLO	FRENCH HORN

FRENCH HORN	TRUMPET	OBOE
CELLO	TUBA	FLUTE
VIOLIN	TIMPANI	TROMBONE

TRUMPET	BONGOS	CELLO
FLUTE	CLARINET	OBOE
SNARE DRUM	BASSOON	DOUBLE BASS

ORCHESTRA WORD PUZZLE

1. The clarinet belongs to which family?

____ _ 9 ____ _ 4 ____ _

2. Which family is the heart of the orchestra?

21 ____ _ 6 ____ _

3. Which brass instrument has the highest sound?

____ _ 13 ____ _

4. What is the special name for a conductor?

1 19 ____ _ 16 ____ _

5. Which family makes sounds by being struck or hit?

____ _ 8 2 ____ _ 7 ____ _ 23

6. If an instrument is very large, it has a very ____ ____ ____ sound.

10

7. Which woodwind instrument is now made of metal instead of wood?

22 ____ _ 17 ____ _

8. String players hold this in their right hand. It is made of wood and horse hair.

____ _ 12 ____ _

9. Which instrument in the string family is held between the player's knees?

5 ____ _ 11 ____ _

10. All sound is made through ____ ____ ____ ____ ____ ____ ____ ____ ____.

20

3

11. Which instrument in the brass family has a slide?

____ _ 18 ____ _ ____ _ ____ _ 15

12. If an instrument is very small, it has a very ____ ____ ____ ____ sound.

14

CAN YOU SOLVE THE FINAL PUZZLE?

1 2 3 4 5 6 7 8 9 10 11!

12 13 8 14 15 16 17 18 19 20 21 22 2 23!

WORD BANK

high

cello

vibrations

trumpet

woodwind

bow

trombone

maestro

string

low

percussion

flute

ANSWER KEY

ORCHESTRA TIC-TAC-TOE

ACROSS:

1. Maestro
3. Flute
6. Bassoon
7. Chimes

DOWN:

2. Harp
4. Tuba
5. Trombone
8. Bow
9. Violin

ORCHESTRA WORD PUZZLE

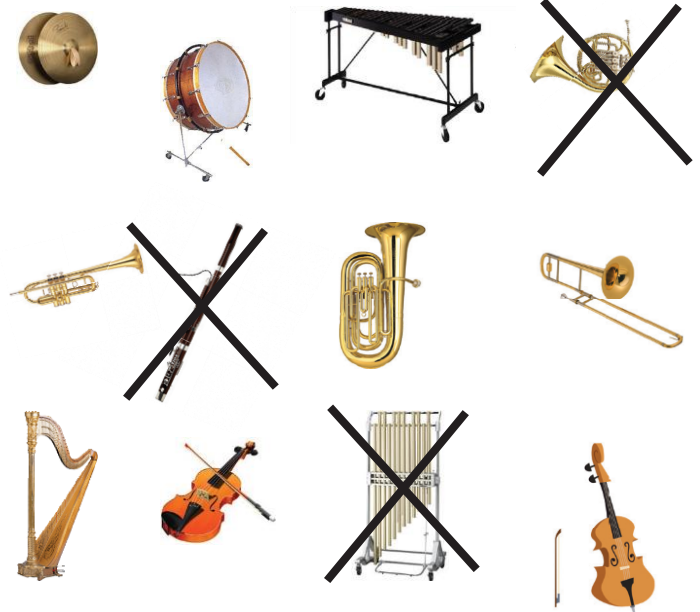
1. woodwind
2. string
3. trumpet
4. maestro
5. percussion
6. low

7. flute
8. bow
9. cello
10. vibrations
11. trombone
12. high

FINAL PUZZLE:
Music is cool!
Orchestra is fun!

TUBA	VIOLIN	TRUMPET	VIOLA	TUBA	GONG
CLARINET	VIO LA	CELLO	VIOLIN	CHIMES	TRIANGLE
XYLOPHONE	DO UBLE B ASS	TROMBONE	TIMPANI	CELLO	FRENCH HORN
FRENCH HORN	TRUMPET	OBOE	TRUMPET	BONGOS	CELLO
CELLO	TUBA	FLUTE			
VIOLIN	TIMPANI	TROMBONE	Flute	Clarinet	Oboe
			SNARE DRUM	BASSOON	DOUBLE BASS

ORCHESTRA PICTURE ACTIVITY



CONTACT INFORMATION

For more information on the conductor, musicians, and other programs offered by the Western Piedmont Symphony, please visit: wpsymphony.org

For any questions regarding the concert, please contact

Chris Coffey

Operations and Education Manager

Western Piedmont Symphony

ops@wpsymphony.org

828-324-8603



WESTERN PIEDMONT
SYMPHONY

MATTHEW TROY, MUSIC DIRECTOR

For more information about other concerts and programs offered at the Schaefer Center, please visit: www.theschaefercenter.org/applause

For any questions regarding the concert hall or campus, please contact:

Christy Chenausky

Director of Arts Education and

Outreach Appalachian State

University

828-262-6084 ext. 109

chenauskyc@appstate.edu

APPlause!
K-12 Performing Arts Series

APPlause!

K-12 Performing Arts Series

Enriching lives, sparking imaginations, and inspiring a love of learning through the arts!

Arts education and outreach programming at Appalachian is committed to connecting university arts resources to a diverse audience of community arts patrons, teachers and learners in the campus community, and in the public, private and home school network across our region. In doing so, the series strives to broaden and deepen arts experiences for audiences of all ages, while ensuring access to the arts for young audiences, building future audiences for the arts, and inspiring a love of learning through the arts.

Every season, affordable music, dance, film, and theatre events are offered to students and their teachers from K-12 classrooms across the region. Students experience everything from high-energy acrobatics and Appalachian music to international dance and literary classics brought to life through theatrical productions. In recent seasons, more than 8,000 students across our region have attended APPlause Series events.

This academic year, in addition to five in-person performances, the APPlause! Series will offer three virtual performances that are completely free and offer compelling programming to connect to K-12 classrooms, thanks in large part to generous donors who believe in supplying educators with arts programming that will spark creativity and inspire a love of learning.

Thank You to Our Sponsors!

The APPlause! 2022-23 season has been generously supported by a grant from the
JAMES G. HANES MEMORIAL FUND

&

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