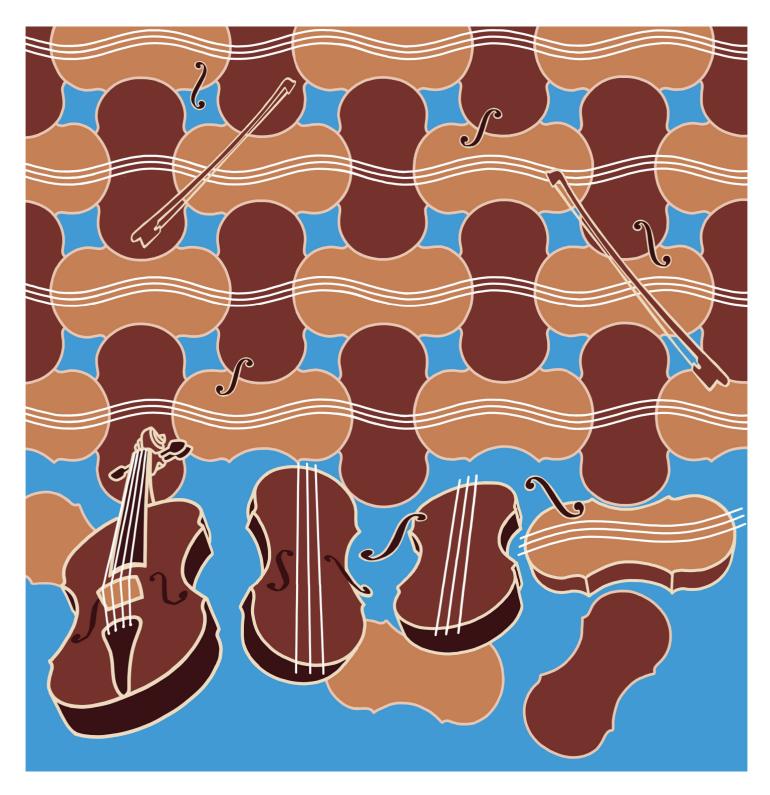
Harmony and Structure:

An Introduction to the String Family





Symphonies for Youth

Harmony and Structure:

An Introduction to the String Family

SAT MAR 15 & 22 11AM

Los Angeles Philharmonic
Dayner Tafur-Díaz, conductor
Ray Ushikubo, violin
Dr. Kristi Brown-Montesano, host
Callan Milani, script writer
Arturo Fernandez, Jr., stage manager
Brynn Jones, assistant stage manager
Nick Van Houten, lighting designer



Scan to learn more about our conductor, creative team, and cast.

PROGRAM

MOZART Eine kleine Nachtmusik, K. 525
BEETHOVEN Symphony No. 5, Movement I
VIVALDI "Spring" from The Four Seasons
PIAZZOLLA "Spring" from The Four Seasons of Buenos Aires
Jessie MONTGOMERY Strum for string orchestra

SUPPORT FOR SYMPHONIES FOR YOUTH

Leadership annual support for the LA Phil's Learning and Community Initiatives is provided by Margaret A. Cargill Philanthropies, Anonymous (3), Barbara and Scott Bice, Ballmer Group, Anne Akiko Meyers and Jason Subotky, Max H. Gluck Foundation, The Eisner Foundation, The Hearthland Foundation, Kawanna and Jay Brown, The Rauch Family Foundation, The Music Man Foundation, John Mohme Foundation, Ms. Irene Mecchi, and the Rosenthal Family Foundation.

Additional annual support for the LA Phil's Learning and Community Initiatives is provided by Anonymous, Pasadena Showcase House for the Arts, Alexandra S. Glickman and Gayle Whittemore, Sony Pictures Entertainment, Inc., The Rafael & Luisa de Marchena-Huyke Foundation, Los Angeles County Department of Arts and Culture, Margo and Irwin Winkler, Aramont Charitable Foundation, De Marchena-Huyke Foundation, Alfred E. Mann Charities, James and Laura Rosenwald/Orinoco Foundation, The David and Linda Shaheen Foundation, and Barbara and Robert Veir.

Support for Symphonies for Youth is provided by Canon Insurance Service.

Leadership support for the LA Phil's Learning and Community Endowment Fund is provided by the A. Jerrold Perenchio YOLA Endowment Fund, The Peggy Bergmann YOLA Endowment Fund, The Walt Disney Company, Los Angeles Philharmonic Committee, Max H. Gluck Foundation, The Rafael & Luisa de Marchena-Huyke Foundation, Carrie and Stuart Ketchum, George L. Cassat, Lee and Hope Landis Warner YOLA Student Fund, Leah Danberg, Norma D. Kayser Trust, Nancy and Leslie Abell, Kawanna and Jay Brown, Alfred E. Mann Charities, Sue Tsao, Mr. Gregory A. Adams, Mr. Kevin MacCarthy and Ms. Lauren Lexton, Miguel A. Navarro, Y&S Nazarian Family Foundation, Estate of Mary Calfas Janos, and the Ying Cai & Wann S. Lee Foundation.

Pre-Concert Art Activations

Before each concert, families can immerse themselves in all-ages art activities that encourage imaginative play at the following locations:

BP HALL
GARDEN LEVEL WEST
GARDEN LEVEL EAST
BLUE RIBBON GARDEN
KECK AMPHITHEATRE
FRIENDSHIP CIRCLE

Activations end at 10:45am.

PRE-CONCERT ACTIVITIES CREATIVE TEAM

Andrea Miller, producer and curator

Cover artwork and illustrations by Eric O. Potma

WALT DISNEY CONCERT HALL HOUSE STAFF

Sergio Quintanar, Master Carpenter Marcus Conroy, Master Electrician Kevin F. Wapner, Master Audio/Video Greg Flusty, House Manager

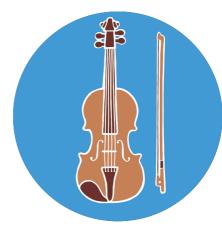
The stage crew is represented by the International Alliance of Theatrical Stage Employees and Moving Picture Machine Operators of the United States and Canada, Local No. 33.

For more information about our learning programs, please visit laphil.com/learning.

 $\hbox{@ 2025 Los Angeles Philharmonic.}$ All Rights Reserved.

Meet the String Family

The sounds produced by stringed instruments come from the vibration of their strings when they are strummed or bowed. These vibrations create resonances within the instrument's wooden body, resulting in a diverse range of sounds. In an orchestra, all stringed instruments feature wooden bodies, and their strings are usually played with a bow. The pitch of these instruments is significantly affected by their size. The orchestra consists of the following string sections:



Violin

The violin is the smallest stringed instrument and has the highest pitch. Its sounds can range from warm and graceful tones to higher pitches that evoke birdsong.



The viola is similar in shape to the violin but has a slightly larger body, which gives it a deeper and lower sound.



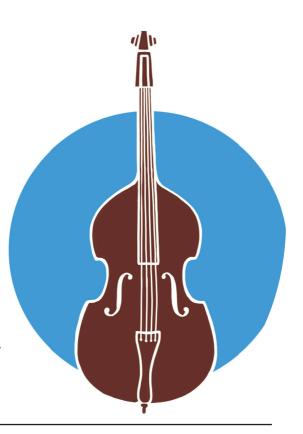


Cello

The cello has a much larger body than the violin and viola and is played upright while the cellist is seated. Its sounds are warm, mellow, and soulful.

Bass

The double bass is the largest instrument in the orchestra's string section. It is played upright, with the bassist usually seated on a high stool. The double bass is the lowest-pitched stringed instrument, with a deep, rich sound.



Hidden **Instruments**

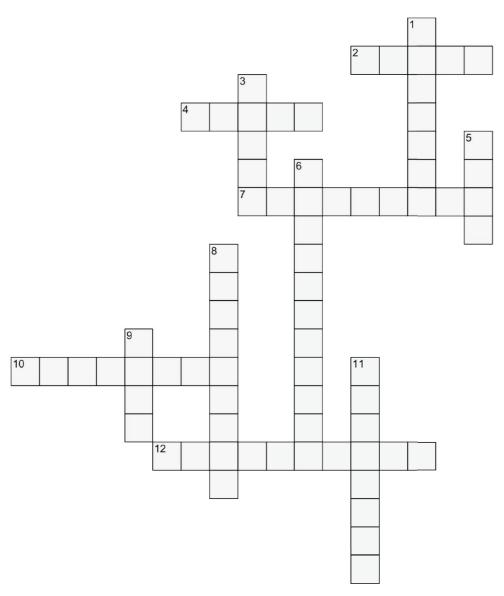
The show in Walt Disney Concert Hall is about to begin, and families are entering the hall. The orchestra members are tuning their instruments in preparation for the show, but some have lost their violin, viola, cello, or bass somewhere in the building. Can you help find them before the concert starts?



Across: 2. Viola, 4. Flute, 7. Conductor, 10. Applause, 12. Percussion Down: 1. Concert, 5. Music, 5. Harp, 6. Instrument, 8. Orchestra, 9. Bass, 11. Audience CROSSWORD PUZZLE ANSWER KEY:

Crossword Puzzle

To complete the crossword puzzle, choose a clue to solve. Find the clue's number on the grid. Fill in the answer in the numbered space. Make sure the answer fits in the space provided. Repeat for each clue.



ACROSS

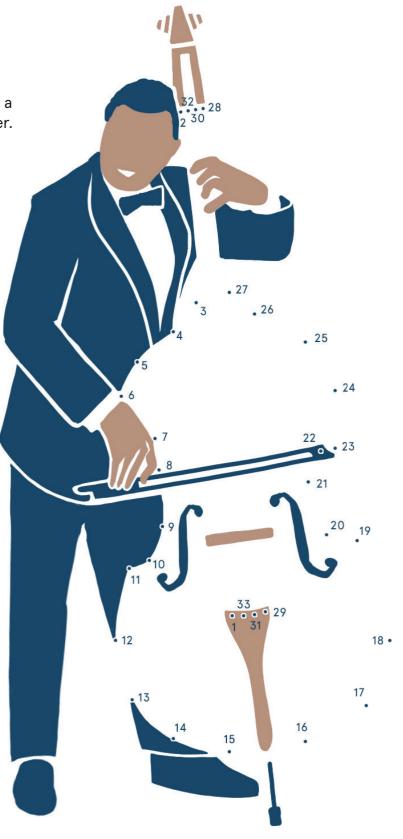
- **2:** A stringed musical instrument that is like a violin but slightly larger and lower in pitch.
- **4:** A musical instrument that is shaped like a thin pipe and that is played by blowing across a hole near one end.
- 7: A person who stands in front of people while they sing or play musical instruments and directs their performance.
- **10:** A show of approval or appreciation when people strike their hands together over and over.
- **12:** Musical instruments (such as drums or cymbals) that you play by hitting or shaking.

DOWN

- 1: A public performance of music.
- **3:** Sounds that are sung by voices or played on musical instruments.
- **5:** A musical instrument that has strings stretched across a large open frame and that is played with your fingers.
- 6: Tools or devices used to play music.
- **8:** A group of musicians who usually play classical music together.
- 9: Low and deep sound.
- **11:** A group of people who are gathered to hear or see something.

Dot-to-Dot: Double Bass

To complete the dot-to-dot puzzle, begin with dot No. 1. Use a pencil or pen to draw a line connecting the dots in numerical order. Continue connecting the lines until you reach the last numbered dot. The lines you draw will reveal the largest stringed instrument in the orchestra. Interestingly, despite its size, it is not the loudest instrument in the orchestra!



Los Angeles Philharmonic Orchestra

Gustavo Dudamel Music & Artistic Director Walt and Lilly Disney Chair

Zubin Mehta
Conductor Emeritus

Esa-Pekka Salonen Conductor Laureate

Rodolfo Barráez Assistant Conductor Ann Ronus Chair

John Adams John and Samantha Williams Creative Chair

Herbie Hancock

Creative Chair for Jazz

FIRST VIOLINS

Martin Chalifour Principal Concertmaster Marjorie Connell Wilson Chair

Nathan Cole First Associate Concertmaster Ernest Fleischmann Chair

Bing Wang Associate Concertmaster Barbara and Jay Rasulo Chair

Akiko Tarumoto Assistant Concertmaster Philharmonic Affiliates Chair

Rebecca Reale Deanie and Jay Stein Chair

Rochelle Abramson Minyoung Chang I.H. Albert Sutnick Chair

Tianyun Jia Jordan Koransky Ashley Park Justin Woo Katherine Woo Melody Ye Yuan Weilu Zhang

SECOND VIOLINS

[Position vacant]
Principal
Dorothy Rossel
Lay Chair

Mark Kashper Associate Principal

Isabella Brown
Assistant Principal

Kristine Whitson Johnny Lee

Dale Breidenthal
Mark Houston Dalzell
and James DaoDalzell Chair for
Artistic Service to
the Community
Ingrid Chun
Jin-Shan Dai
Chao-Hua Jin
Jung Eun Kang
Vivian Kukiel
Nickolai Kurganov
Varty Manouelian
Emily Shehi
Michelle Tseng

VIOLAS

[Position vacant]

Principal

John Connell Chair

Ben Ullery Associate Principal

Jenni Seo Assistant Principal

Dana Lawson

Richard Elegino
John Hayhurst
Ingrid Hutman
Michael Larco
Hui Liu
Meredith Snow
Leticia Oaks Strong
Minor L. Wetzel
Bradley Parrimore*

CELLOS

Robert deMaine Principal Bram and Elaine Goldsmith Chair

Ben Hong Associate Principal Sadie and Norman Lee Chair

Dahae Kim Assistant Principal Jonathan Karoly

David Garrett
Barry Gold
Jason Lippmann
Gloria Lum
Linda and Maynard
Brittan Chair
Zachary Mowitz
Serge Oskotsky
Brent Samuel*
Ismael Guerrero*
Alicia Miñana and
Rob Lovelace LA Phil
Resident Fellow Chair

BASSES

Christopher Hanulik Principal Diane Disney Miller and Ron Miller Chair

Kaelan Decman Associate Principal

Oscar M. Meza Assistant Principal

David Allen Moore

Ted Botsford
Jack Cousin
Jory Herman
Brian Johnson
Peter Rofé
Nicholas Arredondo*
Alicia Miñana and
Rob Lovelace LA Phil
Resident Fellow Chair

FLUTES

Denis Bouriakov Principal Virginia and Henry Mancini Chair

Catherine Ransom Karoly Associate Principal Mr. and Mrs. H. Russell Smith Chair

Elise Shope Henry Mari L. Danihel Chair

Sarah Jackson

Piccolo

Sarah Jackson

OBOES

[Position vacant] Principal Carol Colburn Grigor Chair Marion Arthur Kuszyk Associate Principal

Anne Marie Gabriele

English Horn

[Position vacant]

CLARINETS

Boris Allakhverdyan Principal Michele and Dudley Rauch Chair

[Position vacant]
Associate Principal

Andrew Lowy Taylor Eiffert

E-Flat Clarinet Andrew Lowy

Bass Clarinet
Taylor Eiffert

BASSOONS

Whitney Crockett Principal

Shawn Mouser⁺ Associate Principal Ann Ronus Chair

Michele Grego Evan Kuhlmann

Contrabassoon

Evan Kuhlmann

HORNS

Andrew Bain

Principal

John Cecil Bessell Chair

David Cooper Associate Principal

Gregory Roosa

Alan Scott Klee Chair

Amy Jo Rhine
Loring Charitable
Trust Chair

Elyse Lauzon Reese and Doris Gothie Chair

Ethan Bearman Assistant Bud and Barbara Hellman Chair

Elizabeth Linares Montero* Nancy and Leslie Abell LA Phil Resident Fellow Chair

TRUMPETS

Thomas Hooten
Principal
M. David and Diane
Paul Chair

James Wilt Associate Principal Nancy and Donald de Brier Chair

Christopher Still Ronald and Valerie Sugar Chair

Jeffrey Strong

TROMBONES

David Rejano Cantero Principal Koni and Geoff Rich Chair

James Miller Associate Principal Judith and Thomas L. Beckmen Chair Paul Radke

Bass Trombone

John Lofton Miller and Goff Family Chair

TUBA

Mason Soria

TIMPANI

Joseph Pereira Principal Cecilia and Dudley Rauch Chair

David Riccobono Assistant Principal

PERCUSSION

Matthew Howard Principal

James Babor David Riccobono

KEYBOARDS

Joanne Pearce Martin Katharine Bixby Hotchkis Chair

HARP

Emmanuel Ceysson Principal Ann Ronus Chair

LIBRARIANS

Stephen Biagini Benjamin Picard KT Somero

CONDUCTING FELLOWS

Luis Castillo-Briceño Holly Hyun Choe Dayner Tafur-Díaz Molly Turner

- * Judith and Thomas L. Beckmen LA Phil Resident Fellow
- + On sabbatical

The Los Angeles
Philharmonic string
section utilizes
revolving seating on
a systematic basis.
Players listed
alphabetically change
seats periodically.

The musicians of the Los Angeles Philharmonic are represented by Professional Musicians Local 47, AFM.

LA Phil Junior Patron

Join Junior Patrons Today!

With support from the LA Phil Affiliates, the Junior Patrons program enhances the concert-going experience for children who attend our performances, helping them feel included in our LA Phil family.

Benefits Include:

- Junior Patron Commemorative item
- Junior Patron membership card with 10% discount at the LA Phil Store and The Bowl Store
- An exclusive member-only experience for a Youth concert
- Invitation to an exclusive event at the Hollywood Bowl or The Ford, including refreshments
- Year-round listing on the Walt Disney Concert Hall and Hollywood Bowl websites and acknowledgement at Symphonies for Youth concerts







More Symphonies for Youth at Walt Disney Concert Hall

MAY 17 & 24, 2025

Painting with Music

From French Impressionist composers to contemporary artists, music has been a medium for artists to compose what they see. Experience some of music's greatest painters by discovering the sounds of what we see around us. What is the sound of color and light? Of traffic and ocean?

