



2023 NATIONAL TSA CONFERENCE

June 28–July 2, 2023 • Louisville, Kentucky

“A Legacy of Innovation”

CONFERENCE PROGRAM

#ForeverTSA

2023 National TSA Conference Conference Program



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2022-2023 National TSA Officers



PRESIDENT
Esha Bolar
Johnston High School
Grimes, Iowa



VICE PRESIDENT
Carson Schmitt
Ola High School
McDonough, Georgia



SECRETARY
Sami Vallury
MOT Charter High School
Middletown, Delaware



TREASURER
Shreemayi Undavalli
Longview High School
Longview, Texas



REPORTER
Samra Iqbal
Caesar Rodney High
School
Dover, Delaware



SERGEANT-AT-ARMS
David Marquez
STEM School Highlands
Ranch
Highlands Ranch, Colorado

Welcome

to the 2023 National TSA Conference



Welcome TSA Members,

On behalf of the 2022-2023 National TSA Officer Team, it is my pleasure and honor to welcome each of you to the 45th National TSA Conference! Louisville, Kentucky is the home of historic legacies like Muhammed Ali and the Slugger baseball bat. Take in the sights and enjoy this moment!

This year's conference theme, "A Legacy of Innovation," was handpicked because of the life-long impact TSA has on its members, and, in turn, the impact members can have on the world around them. Through the unprecedented times of the pandemic, we have learned that TSA members will persevere-- forever striving for excellence. We stayed connected through it all, creating new ideas and building friendships to last a lifetime. Because of this never-ending resilience that you, the members, embody, I am so proud to call myself a part of this 300,000+ strong organization.

The National TSA Conference provides a chance to expand your horizons. Talk to someone new at pin trading, find fresh opportunities through attending special interest sessions, and compete with heart!

The 2022-2023 National TSA Officer Team is honored to be a part of your TSA experience at this conference. We hope you find out what that experience means to you while you are in Louisville. Remember, the TSA feeling is forever. We are #ForeverTSA.

Good luck to all of you in your endeavors at this conference!

Sincerely,

A handwritten signature in black ink that reads "Esha Bolar".

Esha Bolar
2022-2023 National TSA President

Welcome

to the 2023 National TSA Conference



Greetings:

It is with great pride that I welcome you to Louisville for the 2023 National Technology Student Association Conference. I am excited to see thousands of middle and high school students from across the nation attending this event and engaged in STEM education.

I encourage you to look around and know that so many of our future leaders are right here at this conference focusing their energy and competitive spirit on topics such as audio podcasting, flight endurance, biotechnology, cybersecurity and so much more. You truly are living up to your motto: learning to lead in a technical world, and I truly admire your dedication and commitment to making the nation a better place to live and work.

We are excited to have you in Louisville, and hope that you take time to enjoy the many cultural, historic, entertainment, and culinary offerings the River City provides. Best wishes for a productive conference and for all of your endeavors in the year ahead.

Sincerely,

A handwritten signature in black ink that reads "Andy Beshear".

Andy Beshear
Governor, Commonwealth of Kentucky

General Information

Information Desk

The TSA Information Desk is located in the Market Street Pre-function (main street level) and will be open the following hours:

Wednesday, June 28	5:00 PM – 8:00 PM
Thursday, June 29	8:00 AM – 5:00 PM
Friday, June 30	8:00 AM – 5:00 PM
Saturday, July 1	8:00 AM – 5:00 PM

TSA Store

The 2023 National TSA Conference store will offer products in two different locations this year – beside the registration area on the main level and in front of the escalators in the lower concourse. The TSA store will be open the following hours:

Thursday, June 29	9:00 AM – 5:00 PM
Friday, June 30	9:00 AM – 5:00 PM
Saturday, July 1	9:00 AM – 5:00 PM

New for 2023, the TSA store will be cashless. Accepted payments are Apple Pay, credit or debit cards.

Conference T-shirts

To receive your free 2023 National TSA Conference t-shirt, bring your golden ticket, located in your conference packet, to Boardroom A on the main level of the convention center during the following times:

Thursday, June 29	11:00 AM – 4:00 PM
Friday, June 30	11:00 AM – 4:00 PM

FedEx Store

The FedEx Store is located across the street from the conference information desk. Hours are Monday – Friday, 9:00 AM – 7:00 PM, and Saturday, 10:00 AM – 6:00 PM. 502-584-0407. usa1607@fedex.com.

Lost and Found Policy

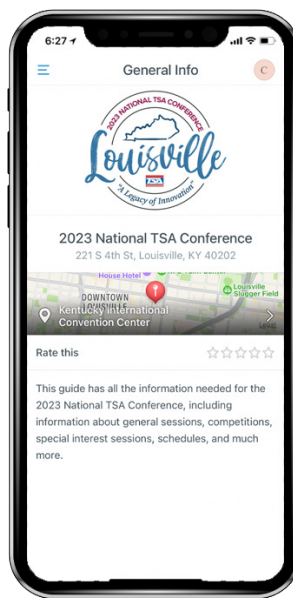
National TSA is not responsible for any items that are lost during the conference. Any lost items can be turned in to KICC security.

Get Social

Get social with TSA! Use #ForeverTSA and tag photos and posts of the 2023 National TSA Conference and around Louisville, Kentucky on TSA's social media pages. Follow us on:

 @NationalTSA  /NationalTSA  @nationaltsa

Conference App



The 2023 National TSA Conference app offers attendees access to competitive event schedules, semifinalist and finalist postings, conference highlights and the full program of activities. Attendees will also receive important conference information through app push notifications.

The app can be accessed through the email invitation sent to all registered attendees from Guidebook.

For more information, visit the [TSA website](#).

2023 National Conference Team

- **Conference Team Manager**
Mark Harrell
- **Conference Team Assistant Manager**
Andy Stephenson
- **Volunteer Manager**
Bill Bates
- **Judge Managers**
Chasity Kittrell and Amanda Boggs
- **Logistics Manager**
Frank Calfee
- **General Session Manager**
Sara Reynolds

Conference Highlights

Opening General Session

Thursday, June 29; 9:00 AM – 11:00 AM

North Hall D

The 2023 National TSA Conference will open with the Parade of State Flags recognizing state officers. Esha Bolar, National TSA President, will perform the National Anthem, and a special video performance of America the Beautiful will be presented by Tiffany Ashton. Deanne Bell, engineer, television host, and entrepreneur, will deliver the keynote address. Special awards will be presented. Doors will open at 8:00 AM.

TSA Pin Exchange

Thursday, June 29; 11:00 AM – 12:00 PM

Friday, June 30; 11:00 AM – 12:00 PM

Saturday, July 1; 11:00 AM – 12:00 PM

Market Street Pre-function

Attendees have the opportunity to share and exchange pins for one hour after the first three general sessions.

Signature Moves (Understanding Your Greatest Strengths – and the Strengths of Those Around You)

Thursday, June 29

12:30 PM – 1:30 PM – High school members

2:00 PM – 3:00 PM – Advisors

3:30 PM – 4:30 PM – Middle school members

L004

The best leaders have a “signature move,” and they know how to use it. In this fun and engaging workshop, participants discover their “signature moves” (aka – personal strengths and talents) and the best strategies to use them. Get ready to laugh a lot and learn even more!

Heroic Leadership — It’s Not What You Think

Friday, June 30

12:30 PM – 1:30 PM – Middle school members

3:30 PM – 4:30 PM – High school members

L004

During this interactive and engaging workshop – that includes some unexpected information – learn how to be a true heroic leader. This presentation is a must for those who love superhero movies with great plots and tons of action.

TSA Meet and Greet

Friday, June 30, 1:00 PM – 5:00 PM

South Pre-function Upper Concourse

At the TSA Meet and Greet, network with representatives from companies, universities, non-profit associations, and other organizations that support STEM and IT education and careers. The TSA Meet and Greet also offers opportunities to learn about the 2023–2024 national TSA officer candidates’ platforms.



This year, National TSA was proud and pleased to announce that membership reached an historic high of 300,000 middle and high school students across the country. Gratitude and congratulations are extended to all in TSA. Every member counts!

#ForeverTSA

Emergency/Security Information

Conference Safety and Security

The safety and security of 2023 National TSA Conference attendees is of utmost concern to the governing body of TSA. Daily advisor update meetings will provide a review of safety, as needed.

The following procedures are in place for the duration of the conference:

- ALL attendees must register for the conference.
- Advisors are responsible for their chapter attendees at all times.
- Identification (conference name badges) must be worn on the chest at all times by all attendees during the conference.
- Conference attendees should be in groups or pairs when walking to and from the Kentucky International Convention Center (KICC), hotels, restaurants, or other venues.
- Advisors must have an emergency plan in place for their chapter attendees. The plan should include (but is not limited to) a pre-determined location for attendees to meet should an emergency occur. All chapter attendees must be aware of this plan.
- Should an emergency occur at the Kentucky International Convention Center (KICC), repeat announcements will be made via the KICC public address system regarding the situation and the action to take.
- Emergency instructions for each hotel are available on the conference hotel page.
- Curfew is at 10:00 PM. After that time, an adult must accompany any student/s when outside of assigned rooms.
- The conference is not open to the public.
- Security guards are present at all hotels and the convention center.

Interactions with the street (homeless) population

- Treat everyone with respect and kindness, including the street population. Remember that they are individuals deserving of dignity.
- Maintain a comfortable distance from strangers, including the street population.
- Do not give money to individuals on the street.
- Avoid displaying large amounts of cash or valuable items.
- Do not share any personal information with strangers, which includes the street population.

Health Information

Please do not enter the hotel/conference area if you are experiencing any signs or symptoms of COVID-19 or other contagious illness. Symptoms include - but are not limited to - fever (temperature of 100.4 F or higher); chills; cough; shortness of breath or difficulty breathing; new loss of taste or smell; sore throat; congestion or runny nose; nausea or vomiting; diarrhea.

Kentucky International Convention Center (KICC)

Be sure to review the [Emergency and Evacuation Guide](#) provided by the Kentucky International Convention Center (KICC).

First Aid office

Market Street Prefunction Main Concourse

Closest Pharmacy and Medical Facilities

CVS

340 W Muhammad Ali Blvd
Louisville, KY 40202

Norton Community Medical

1 Arena Plaza
Louisville, KY 40202

Emergency Care in Louisville

UofL Health – UofL Hospital
530 S Jackson St
Louisville, KY 40202
502-562-3015

General Sessions

All general sessions will take place in the **North Hall D** at the Kentucky International Convention Center (KICC). Please be aware that the ballroom will be at full capacity during every general session. If you plan on sitting with a group, be sure your group is together prior to entering the ballroom. Saving seats will not be allowed.

Opening General Session – General Session I

Thursday, June 29; 9:00 AM – 11:00 AM

The 2023 National TSA Conference will open with the Parade of State Flags recognizing state officers. Esha Bolar, National TSA President, will perform the National Anthem, and a special video performance of America the Beautiful will be presented by Tiffany Ashton. Deanne Bell, engineer, television host, and entrepreneur, will deliver the keynote address. Special awards will be presented. Doors will open at 8:00 AM.

Recognition Assembly – General Session II

Friday, June 30; 9:00 AM – 11:00 AM

National TSA officer candidates will deliver their campaign speeches. Also, national membership awards and special awards will be presented. The American Cancer Society will award certificates. Doors will open at 8:00 AM.

Business Meeting – General Session III

Saturday, July 1; 9:00 AM – 11:00 AM

Voting Delegate Seating; 7:00 AM – 7:30 AM

TSA's annual business meeting includes the election of national TSA officers by the voting delegates. Doors will open at 7:00 AM.

Awards Ceremony – General Session IV

Sunday, July 2; 8:00 AM – 11:00 AM

The highlight of the national conference is the awards ceremony, which recognizes all national competitive event finalists. Trophies are awarded to the top three finalists in each category. Finalist pins are awarded to the top ten finalists and their chapter advisors. Doors will open at 7:00 AM.

**No bags larger than the TSA drawstring backpack will be permitted at any of the general sessions. All bags are subject to inspection. National TSA is not responsible for lost or stolen items.*

Dress Code

Everyone who attends the National TSA Conference, including parents, guests, and children must be registered for the conference. All must comply with the TSA Dress Code policy.* All registrants must wear official conference identification name badges at all times.

COMPETITION ATTIRE

Shirt: official royal blue TSA shirt

Pants, or at least knee-length Skirt: gray

- *Unacceptable:* jeans; jeggings; leggings; baggy pants; exterior pocket pants; shorts

Shoes: black dress shoes worn with black or dark blue socks, hosiery (optional):

- open-toed shoes or sandals are acceptable
- *Unacceptable:* athletic shoes; flip-flops; military boots; or work boots

Required additional attire for Middle and High School Chapter Team event

Blazer: navy blue with official TSA patch

Tie: official TSA tie (males)

- Females are not penalized for wearing the official TSA tie to Chapter Team or any other competitive event

Above attire may be worn for other competitions if preferred by event participants.

GENERAL SESSION ATTIRE

Shirt: the official TSA shirt (royal blue) is preferred; button-down shirt or a polo/golf shirt

- *Unacceptable:* t-shirts; halter tops; tank tops

Pants, or at least knee-length Dress or Skirt

- *Unacceptable:* jeans; jeggings; leggings; baggy pants; exterior pocket pants; shorts

Optional Blazer: navy blue with official TSA patch

Optional Tie: official TSA tie

Shoes: dress shoes worn with dark socks, hosiery (optional):

- open-toed shoes or sandals are acceptable
- *Unacceptable:* athletic shoes; flip-flops; military boots; or work boots

CASUAL ATTIRE

Appropriate t-shirts, shorts, or jeans.

Casual attire **may not** be worn at competitions or general sessions.

*Registered parents, guests, and children who are not compliant with General Session Attire and who wish to attend the Awards Ceremony, may be asked to sit in a designated section, if permitted entry.

Approved by the TSA, Inc. Board of Directors. The above supersedes any other dress code prior to September 24, 2022.

Competition Requirements

Advisors and students must be aware of the **competition requirements** for the national TSA conference. These include, but are not limited to, the following:

- A laptop or tablet is required for “written” tests and the preliminary round submission for HS On Demand Video.
- The laptop or tablet must be Wi-Fi enabled and able to run solely on battery power for up to 2 consecutive hours.
- The written test platform requires that students know their TSA Student Member ID# and password.

Semifinalist and Finalists

Semifinalists

Semifinalist lists (in random order) will be posted on-line via the website, [TSAweb.org](https://tsa.org), and on the TSA Mobile App as competitions are judged. Printed lists will also be posted in the Market Street Pre-function.

A semifinalist is an individual or a team that qualifies to compete in the semifinal round of a event—which usually involves up to twelve competitors—in order to place as a finalist (top ten).

Awards Ceremony

Attendance to the Awards Ceremony on Sunday, July 2, requires conference registration. Attendees must be registered for the conference no later than Saturday, July 1 at 5:00 PM.

Top Ten Event Finalists

Top ten competitive event finalists in middle and high school events will be posted on [TSAweb.org](https://tsa.org) on July 5, 2023.

Trophies and Finalist Pins

National TSA provides one complimentary trophy each to the first, second, and third place winners and lapel pins to the top ten finalists and their advisors. Purchasing duplicate trophies is available to first, second, and third place winners following the conference from First Place Trophy at: info@firstplacetrophy.com.

TSA Meet and Greet

TSA Meet and Greet

Friday, June 30, 1:00 PM – 5:00 PM

South Pre-function Upper Concourse

National TSA fosters connections with organizations in STEM-related fields that support the enhancement of personal development, leadership, and STEM education and careers for TSA members. At the **Meet and Greet**—learn about opportunities to help you succeed in STEM.

- 2022–2023 National TSA Officers
- 2023–2024 National TSA Officer Candidates
- The Future of TSA
- 1st Maker Space, Inc.
- AEOP Unite Summer Program
- American Cancer Society (ACS)
- Bluegrass Educational Technologies
- CompTIA
- Future Engineers
- Goodheart-Willcox Publisher
- International Technology and Engineering Educators Association (ITEEA)
- Junior Science & Humanities Symposium (JSHS) – NTSA
- Junior Solar Sprint
- LifeSmarts
- National Technical Honor Society
- Ozark Delight Candy
- Prestige AV & Creative Services
- Stokes Educational Services
- University of the Cumberland

Leadership Training Workshops

Kent Julian, motivational speaker and leadership trainer, will hold five leadership sessions during the national conference. The sessions will run 45-60 minutes and accommodate 100 attendees per session. Pre-registration is not required. All sessions will be held in L004 at the Kentucky International Convention Center (KICC).

Signature Moves (Understanding Your Greatest Strengths – and the Strengths of Those Around You)

Thursday, June 29

12:30 PM – 1:30 PM – High school members

2:00 PM – 3:00 PM – Advisors

3:30 PM – 4:30 PM – Middle school members

L004

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L004

During this interactive and engaging workshop – that includes some unexpected information – learn how to be a true heroic leader. This presentation is a must for those who love superhero movies with great plots and tons of action.

Advisor Update Meetings

Chapter advisors (and parents serving as advisors for chapters at this conference) are required to attend daily TSA advisor meetings in Ballroom D to receive important information about the conference.

TSA will not distribute or sell advisor gifts at the information desk. Advisors may only obtain their gifts by attending the daily advisor update meetings on the day the gift is distributed.

Attending advisors will receive the following gift each day.

Thursday, June 29; 11:30 AM – 12:30 PM

National TSA Conference Mug

Friday, June 30; 11:30 AM – 12:30 PM

TSA Tech Pouch

Middle school advisors are asked to stay after for a brief presentation from CompTIA.

Saturday, July 1; 11:30 AM – 12:30 PM

TSA Mobile Ring Light

2023-2024 National TSA Officer Candidates

Candidates for President



Garv Jain



David Marquez

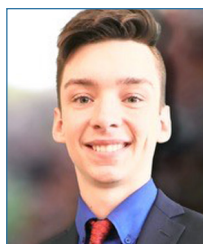


Shreemayi Undavalli

Candidates for Vice President



Talisa Austin



Tyson Castleberry



Kate Harris

Candidates for Secretary

No Candidates

Candidates for Treasurer

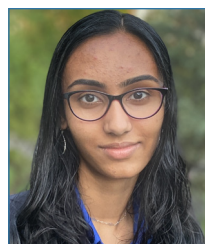


Ariel Fader



Kishen Misra

Candidate for Reporter



Sreemayi Gangireddy

Candidate for Sergeant-at-Arms



Finn Reinke

National TSA Officer Elections

The election of the 2023-2024 national officer team will take place through the TSA conference app. This voting method allows for efficient run-offs and for the results of the election to remain anonymous until they are announced at the awards general session. Please make sure that your cell phone is fully charged for the business meeting. See page 4 of the conference program for directions on downloading the app.

Conference app voting requires that:

1. All voting delegates be present at the business meeting.
2. Each voting delegate use his/her charged cell phone to vote.
3. All voting delegates have access to an individual device that does not require WiFi to access their email.

Officer Candidate Campaign

Meet the 2023-2024 national TSA officer candidates at the TSA Meet and Greet on Friday, June 30, from 1:00 PM to 5:00 PM. Candidates will be at their campaign tables in the South Pre-function Upper Concourse of the Kentucky International Convention Center (KICC). Voting for the candidates will take place on Saturday, July 1, during the annual business meeting in North Hall D. Voting delegate seating takes place from 7:00 AM to 7:30 AM.

Chartered states have one vote for each state officer (six maximum), plus two additional votes for each affiliated chapter in the state delegation in attendance. Voting delegates must be present. A registered parliamentarian will be present. The election of the 2023-2024 national officer team will take place through voting via the conference app. Voting delegates should eat prior to the meeting and have their phone charged.

Information Regarding Resolutions

Members interested in formally proposing a resolution at this national conference must follow the guidelines that appear in the TSA bylaws. All resolution forms must be submitted to national TSA president, Esha Bolar by 12:00 PM Friday, June 30.

2022-2023 Award Recipients

Gold Achievement Awards

Colorado

Luke Gilchrist
Lakewood High School

Delaware

Salma Omaid
MOT Charter High School

Samhitha Vallury
MOT Charter High School

Georgia

Alexis Alfonseca
Paul Duke STEM High School

Baylor Brown
Paul Duke STEM High School

Shafiq Chowdhury
Paul Duke STEM High School

Lucas Correa Baca
Paul Duke STEM High School

Princess Igwe
Paul Duke STEM High School

Tristan Kim
Paul Duke STEM High School

Caleb Odunade
Paul Duke STEM High School

Joshua Odunade
Paul Duke STEM High School

Mihir Pai
Paul Duke STEM High School

Rohan Pai
Paul Duke STEM High School

Luke Quarles
Pickens High School

Jeri Speights
Pickens High School

Idaho

Caroline Heiner
Mountain View High School

Iowa

Maanit Sheth
Johnston High School

Kentucky

Alexander Randall
Campbell County High
School

Missouri

Lucas Dionne
Central High School

Jonathan Fuson
Central High School

Alexandra Jura
Central High School

Tatum Mace
Central High School

New Jersey

Dante Kanterezhi-Gatto
Toms River High School East

Sahil Maher
Freehold Township High
School

North Dakota

Alyssa Sadowsky
Dickinson High School

Lucas Shilman
Dickinson High School

Stephanie Tally
Dickinson High School

Agustin Zettel
Dickinson High School

Oklahoma

Chance Krueger
Atoka High School

Abby Roland
Atoka High School

Pennsylvania

Katherine Smith
The Baldwin School

Tennessee

Jonathan Bonamarte
Oak Ridge High School

Daniel Davis
Sycamore High School

Samuel Davis
Sycamore High School

Brian Galvan
Powell High School

Eli Hicks
Karns High School

Meredith Morgan
Karns High School

Yug Patel
Ravenwood High School

Rick Tzompa-Chimal
Martin Luther King Jr.
Academic Magnet High
School

Anderson Vasquez Francisco
Northwest Middle School

Savannah Williams
Sycamore High School

Texas

Apurva Betgar
Coppell High School

Aaren George
Coppell High School

Lakshmi Gorthi
Coppell High School

Naisha Jain
Coppell High School

Tanya Nikam
Coppell High School

Kadin Vire
Waxahachie High School

2022-2023 Award Recipients

Technology Honor Society

Connecticut

Dylan Anderson
Killingly High School

Mason Doshi
Windsor High School

Najia Elarabi
Windsor High School

Selma Saeedosman
Windsor High School

Florida

Armin Delmo
Palm Bay Magnet High School

Amaya Laing
Palm Bay Magnet High School

Jayna Lauer
Lake Asbury Junior High School

Chantel Nance
Palm Bay Magnet High School

Jaansi Parsa
Dunbar High School

Nate Pritzker
Pine Crest High School

Mia Starkman
Pine Crest High School

Georgia

Ellie Ahn
Wesleyan School Middle School

Cassidy Gaines
Hart County High School

Peyton Gaines
Hart County High School

Logan Gordon
Hart County High School

Sahana Karthikeyan
Wesleyan School Middle School

Jia Lim
Wesleyan School Middle School

Duncan Mcduffie
Hart County High School

Mihir Pai
Paul Duke STEM High School

Luke Quarles
Pickens High School

Jeri Speights
Pickens High School

Lena Sumner
Lowndes High School

Idaho

Summer Breautigan
New Plymouth High School

Lucas Havlina
New Plymouth High School

Caroline Heiner
Mountain View High School

New Jersey

Dante Kanterezhi-Gatto
Toms River High School East

Sarvagna Malladi
Middlesex County Academy

Misha Patel
Middlesex County Academy

Maryam Safe
Union County Vocational-Technical School

Oklahoma

Destiny Carter
Rush Springs High School

Akshaj (Aks) Dalavayi
Edmond Summit Middle School

Sam Moran
Aline-Cleo High School

Abby Roland
Atoka High School

Pennsylvania

Christopher Booterbaugh
Northern Cambria High School

Natalie Branstetter
Park Forest Middle School

Megan Chan
The Baldwin School

Mikey Konitsky
Northern Cambria High School

Haley Pattison
Northern Cambria High School

Katherine Smith
The Baldwin School

Chris Yahner
Northern Cambria High School

Tennessee

Eli Hicks
Karns High School

West Virginia

Taylor Adkins
Clay County High School

Mason Cavalier
University High School

Shelby Davis
University High School

Wesley Davis
University High School

Holt Dawson
Clay County High School

Ariel Dobbins
Clay County Middle School

Juliann Gallaher
Clay County Middle School

Isaiah Harvey
University High School

Miranda Hawkins
Hundred High School

Jordyn Herter
University High School

Zackary Hostutler
Hundred High School

Grace Jackson
University High School

Ethan Jones
University High School

Dylan McCumbers
Clay County High School

Brian Oiler
University High School

Madison Paxton
Clay County High School

Morgan Payton
Clay County High School

Erin Sims
University High School

2022-2023 Award Recipients

Special Award Recipients

- Distinguished Alumni Award
Staci Davis
- State Advisor of the Year Award
Mike Fitzgerald
- Dr. Bob Hanson Distinguished Student Award
Daryen Rodriguez Saucedo
- William P. Elrod Memorial Scholarship Award
Jordyn Herter

2022–2023 State Superlative Membership Awards

- Largest MS Blue CAP Chapter: Milwee Middle School, Florida
- Largest HS Blue CAP Chapter: Keller Center for Advanced Learning, Texas
- Largest MS White CAP Chapter: Challenge School, Colorado
- Largest HS White CAP Chapter: Innovation Academy, Georgia
- State With the Most Middle School Chapters: Oklahoma
- State With the Most High School Chapters: Georgia
- State with the Most Middle School Members: Oklahoma
- State with the Most High School Members: Texas
- State with the Most Members Overall: Texas
- State with the Most Chapters Overall: Georgia
- State with the Highest Middle School Membership Growth: North Carolina
- State with the Highest High School Membership Growth: South Carolina

2022-2023 Chapter Membership Milestones

White CAP chapters with 30 or more members are part of our 30+ Circle.
Blue CAP chapters with 300 or more members are part of our 300+ Circle.

30+ Circle

Alabama

Madison County Career Technical Center
Pelham High School
Theodore High School

Arkansas

Elkins High School
Rogers High School
Star City High School

Colorado

Challenge School
Euclid Middle School
Highlands Ranch High School
Horizon Middle School
John F Kennedy High School
Littleton High School
Pleasant View Middle School
Roosevelt High School
Rye High School
ThunderRidge High School

Georgia

Brantley County High School
Brookwood High School
Buford Middle School
Carrollton High School
Chattahoochee High School
Cherokee Bluff High School
Cobb Innovation and Technology Academy
Creekview High School
East Laurens High School
Hahira Middle School
Innovation Academy
Mill Creek High School
Morrow High School
Newton High School
Pine Grove Middle School
Putnam County Middle School
Starr's Mill High School
Tattnall County High School
Trion High School
Westlake High School

30+ Circle

Idaho

Mountain View High School
Renaissance High School

Kentucky

Gateway Academy to Innovation & Technology
Russell County High School

Mississippi

DeSoto County Career and Technology Center West
Natchez Middle School

Missouri

Bayless High School
Kickapoo High School

Nevada

Advanced Technologies Academy

Pennsylvania

Bedford High School
Canon-McMillan
Daniel Boone Area High School
Mifflin County High School
The Hill School

Tennessee

Anderson County Career and Technical Center
Cherokee High School
Collierville High School
Dickson County High School
Houston High School
Huntland School
Middle College High School
Robertsville Middle School
Sycamore High School

Texas

Advanced Learning Academy
BCM Biotech Academy at Rusk
Blanson CTE High School
CTCS Middle School

30+ Circle

Foster Middle School
Garcia Middle School
George Bush High School
Gladys Porter Early College High School
Hawkins Middle School
Judson STEAM Academy
Katy High School
Kempner High School
La Vega High School
Marble Falls Middle School
Ranchview High School
Tompkins High School
Tyler Career & Technology Center
Vanguard Academy - Rembrandt Secondary

Utah

Lone Peak High School

Virginia

Colonial Forge High School
Elkton Middle School
James Madison High School
Matoaca High School
McLean High School
Wakefield High School
Westfield High School

Washington

Blaine High School
Edmonds-Woodway High School
Ellensburg High School
Evergreen Middle School
Kirkland Middle School
Lynnwood High School
Roosevelt High School
Stevens Middle School
Tolt Middle School
Whatcom Middle School

2022-2023 Chapter Membership Milestones

White CAP chapters with 30 or more members are part of our 30+ Circle.
Blue CAP chapters with 300 or more members are part of our 300+ Circle.

300+ Circle

Alabama

Autauga Co. Technology Center
Brewbaker Tech Magnet High School
Discovery Middle School
Florence Middle School
Hartselle High School
Hillcrest Middle School
Minor Middle School

Delaware

Milford Senior High School
Seaford Middle School
Sussex Central High School

Florida

Atlantic High School
Booker High School
Braden River High School
Carlos E. Haile Middle School
Celebration High School
Central Middle School
Coral Reef Senior High School
Crooms Academy of Information
Technology
Dr. Mona Jain Middle School
Dunbar High School
FLVS (Florida Virtual School)
Heritage High School
Heron Creek Middle School
Lake Asbury Junior High School
Lakewood Ranch High School
Lexington Middle School
Louise R. Johnson Middle School
Martha B King Middle School
McIntosh Middle School
Miami Sunset Senior High School
Middleton High School
Milwee Middle School
North Port High School
Palm Bay Magnet High School
Pine View School
R. Dan Nolan Middle School
Riverview High School
Robert Morgan Educational Center

300+ Circle

Sarasota High School
Satellite High School
Seminole High School
Southeast High School
Spruce Creek High School
The Osceola County School For The Arts
Turner/Bartels K-8
University High School
Viera High School
Woodland Middle School

Georgia

Alliance Academy For Innovation
Arabia Mountain High School
Champion Theme Middle School
Dr. Ronald E. McNair Middle School
Dunwoody High School
Freedom Middle School
Gwinnett School of Math Science and
Technology
Harris County Carver Middle School
Hart County High School
Hart County Middle School
Henderson Middle School
Huntington Middle School
Lakeside Middle School
Liberty Middle School
Lithonia Middle School
Lowndes High School
M. M. Bethune Middle School
Midtown High School
North Forsyth Middle School
Otwell Middle School
Parkview High School
Riverwatch Middle School
Sandtown Middle School
Stephenson Middle School
Tucker Middle School
Woodville Tompkins Technical & Career
High School

300+ Circle

Iowa

Dallas Center Grimes High School
Iowa City West High School
Johnston High School
Johnston Middle School
Pella High School - Career Academy
Perry High School
Prairieview School

Kentucky

Bryan Station High School
Camp Ernst Middle School
Elkhorn Crossing School
Frederick Douglass High School
Grant County Middle School
Johnson Central High School

Maryland

Argyle Magnet Middle School

Mississippi

Batesville Junior High School
Cleveland Central Middle School
Germantown High School
Germantown Middle School
Lafayette Middle School
Madison Career & Technical Center
Madison Central High School
Madison Middle School
Old Town Middle School
Ridgeland High School
SOCSD Partnership Middle School
St. Martin Middle School

Missouri

Blue Springs High School
Frontier Stem High School

Montana

Bozeman High School
Gallatin High School

Nevada

Pinecrest Academy Sloan Canyon
Southwest Career and Technical
Academy

2022-2023 Chapter Membership Milestones

White CAP chapters with 30 or more members are part of our 30+ Circle.
Blue CAP chapters with 300 or more members are part of our 300+ Circle.

300+ Circle

New Jersey

Ewing High School
Howell High School
Howell Township Middle School North
Howell Township Middle School South
Marine Academy of Science and
Technology
Union County Vocational-Technical
School
Washington Township High School

New Mexico

Pecos Cyber Academy

North Carolina

Apex Friendship High School
Apex Friendship Middle School
Ardrey Kell High School
Atkins Academic and Technical High
School
Charles B. Aycock High School
Clinton High School
Corinth Holders High School
East Chapel Hill High School
Gray's Creek Middle School
Hanes Magnet School
Highland School of Technology
Jackson Middle School
Jones Senior High School
Liberty Middle School
Martin L. Nesbitt Discovery Academy
McMichael High School
Myers Park High School
NC School of Science & Math
New Bridge Middle School
Panther Creek High School
Providence High School
Riverside High School
Robert L. Patton High School
Seventy-First High School
South Mecklenburg High School
Tucker Creek Middle School

Ohio

Eaton Middle School
Northmont Middle School

300+ Circle

Oklahoma

Capps Middle School
Carl Albert Middle School
Centennial Middle School
Central Junior High School
Central Middle School
Central Middle School Lawton
Claremore Will Rogers Junior High School
Collinsville Middle School
Duncan Middle School
Ernest Childers Middle School
Irving Middle School
Jenks Middle School
Longfellow Middle School
Memorial Middle School
Purcell Junior High School
Shawnee Middle School
Southridge Junior High School
Tahlequah Middle School
Webster Middle School

Pennsylvania

Bala Cynwyd Middle School
Black Rock Middle School
Colonial Middle School
Gettysburg Area High School
Plymouth Whitemarsh High School
Wilson High School

South Carolina

The Center for Advanced Technical
Studies

Texas

Arthur L. Davila Middle School
Bel Air High School
Bridgeland High School
Captain John L. Chapin High School
Carthage High School
Cleburne High School
Cypress Woods High School
Digital Academy of Texas
Eastlake High School
El Dorado High School
Hutto High School
James Earl Rudder High School
Jersey Village High School

300+ Circle

John Dubiski Career High School
Keller Center For Advanced Learning
MacArthur High School, Irving ISD
McKinney High School
Montwood High School
Pebble Hills High School
Socorro High School
Stephen F. Austin Middle School
Texas Online Preparatory School Middle
School
Texas Virtual Academy at Hallsville
Theodore Roosevelt High School
Engineering & Technologies Academy
Travis B. Bryan High School
Vanguard High School
Venus High School
Venus Middle School
Waxahachie Global High School
Waxahachie High School

Virginia

Admiral Richard E. Byrd Middle School
Advanced Technology Center
Brookland Middle School
Deep Run High School
Giles High School
Grassfield High School
Holman Middle School
James Wood High School
Orange County High School
Sterling Middle School
Wilson Middle School

Washington

Brier Terrace
Clarkston High School
Emerald Ridge High School
Issaquah Middle School
John Sedgwick Middle School
Lake Stevens High School
Liberty High School
Raisbeck Aviation High School
Wenatchee Middle School

West Virginia

Clay County High School
Clay County Middle School

2022-2023 TSA Chapter Advisor of the Year Awards

High School Chapter Advisor of the Year

Colorado

Katie Allison
Mountain Vista High School

Connecticut

Rebecca Wales-Szyluk
Windsor High School

Delaware

Roger Seedorf
MOT Charter High School

Florida

Rebecca Allen
Palm Bay Magnet High School

Georgia

Philip Peavy
Paul Duke STEM High School

Idaho

Andrew Smith
Renaissance High School

Indiana

Steve Sinish
Penn High School

Iowa

Todd Vander Velde
Rock Valley High School

Kansas

Michal Austin
Flinthills High School

Kentucky

Aaron Hunt
Bardstown High School

Mississippi

Kristi Jernigan
Winston-Louisville Career and
Technology Center

Missouri

Jim Kreyling
Oakville Senior High School

New Jersey

Jameson Chin
Roselle Park High School

North Carolina

Jackie Harrell
Corinth Holders High School

North Dakota

Byron Borgen
Minot High School

Pennsylvania

Douglas Pauley
Bedford High School

Tennessee

Todd Livesay
Oak Ridge High School

Texas

Kristi Grove
Cypress Ranch High School

Utah

Vennie Della Cioppa
Timpanogos High School

Virginia

Jennifer Tolley
Deep Run High School

Washington

James Wilson
Mountlake Terrace High
School

West Virginia

Sean Snedden
Hundred High School

Middle School Chapter Advisor of the Year

Connecticut

Megan Rickis
Sage Park Middle School

Delaware

Laura Barnas
Postlethwait Middle School

Florida

Maria Behnken
Lake Asbury Junior High
School

Georgia

LaShandia Hill
Wesleyan School Middle
School

Indiana

Kim LeFever
South Adams Middle School

Iowa

Joe Huebbe
Johnston Middle School

Kansas

Deborah Jobe
Basehor-Linwood Middle
School

Kentucky

Andrew Baldwin
Belfry Middle School

Missouri

Laura Lee
Antioch Middle School

New Jersey

Harrison D'Amico
Hilltop Country Day School

New York

David Buchner
DeWitt Middle School

North Carolina

Angela Sanders
Southwest Middle School

North Dakota

Dan Houston
Simle Middle School

Pennsylvania

Diana Rickert
Pennbrook Middle School

Tennessee

Riley Speas
Hardin Valley Middle School

Texas

Holly Guthrie
El Campo Middle School

Utah

Kurt Twining
Evergreen Junior High School

Virginia

Charlene Gross
E. B. Stanley Middle School

Washington

Darla Van Corbach
Harrison Middle School

West Virginia

Jeremy Kelch
Long Drain Middle School

Special Interest Sessions

Thursday, June 29

Strategies for Keeping Members Engaged in TSA

1:00 PM – 2:00 PM; L014

Join Pennsylvania TSA state officers as they discuss the importance of member involvement across the four levels of TSA: chapter, region, state, and national. In this presentation, the officers will share practical tips and strategies to engage members in fundraising activities, chapter office responsibilities, regional leadership opportunities, and state committee participation. Attendees will have the chance to learn from the experience gained by the Pennsylvania state officers and take away ideas for their own state and chapter. This session is recommended for any aspiring leaders within the organization.

Presented by Pennsylvania TSA: Zane Al-Saleem (Vice President), Elijah Adu (Sergeant-at-Arms), Miriam Ruback (Treasurer)

Developing and Achieving Personal TSA Goals

2:30 PM – 3:30 PM; L014

Join a session presented by Tennessee TSA state officers to learn about adaptive planning, achievable goals, and prioritization. During this workshop - through engagement in activities with fellow members - attendees will work to set goals to define a personal legacy in TSA.

Presented by Tennessee TSA: Eli Hicks (Outgoing State President), Yug Patel (Outgoing State Sergeant-at-Arms, Incoming State President), Odelia Kneiser (Incoming State Vice-President)

Engaging Students in Robotics

4:00 PM – 5:00 PM; L014

Join this dynamic, engaging, and informative one-hour robotics workshop designed specifically for high school teachers. Through hands-on activities and interactive demonstrations, learn practical knowledge about robotics principles, programming basics, and the latest advancements in the field. Don't miss this opportunity to ignite a passion for robotics in your classroom!

Presented by Nathan Hicks, Bluegrass Educational Technologies

Friday, June 30

How to Be Involved with the American Cancer Society (ACS)

12:00 PM – 1:00 PM; L014

This session will provide information on how to participate with the American Cancer Society for your annual service project. This will cover how to sign up and fun ways to participate!

Presented by Kelly Hurley, American Cancer Society

Building a Winning Junior Solar Sprint (JSS) Car

2:30 PM – 3:30 PM; L014

David Buchner and Carson Case are technology engineering teachers from DeWitt Middle School in Ithaca, New York. David and Carson have been instructing students about Junior Solar Sprint for 24 years! The presentation, which will cover the basics of how to build a JSS car – with an emphasis on design and engineering, is designed for teachers and students. Door prizes will be given at the end of the presentation.

Presented by David Buchner and Carson Case, DeWitt Middle School – Ithaca City School District

The Committee Craze?

4:00 PM – 5:00 PM; L014

Hear about Virginia TSA's standing committees, a system unique to the state. While officers may be elected without a way to make an immediate contribution, a guarantee is that a Virginia officer will be a committee chair. This ensures defined systems in which chairs and members can collaborate on certain issues to be brought before the executive council.

Presented by Virginia TSA: Kushal Gowda (President), Allie Florence (South Central President), William Collins (Immediate Past President)

Special Interest Sessions

Saturday, July 1

LifeSmarts – A Consumer Education Program for Students

12:00 PM – 1:00 PM; L004

Learn about the nation's premier consumer program that provides real world education about core consumer topics and develops critical thinking skills. Discover many scholarship opportunities and ways to be involved in the LifeSmarts program. Test your knowledge and skills in this interactive session that will give you resources to take home to any group or classroom.

Presented by Megan Pintus

A Model for TSA State Officer Mentoring

1:00 PM – 2:00 PM; L014

Washington TSA state officers will present an overview of their state's officer mentoring program. This program gives prospective officer candidates a thorough understanding of the responsibilities involved in serving as a state officer, allows members to step up to the next level of leadership development, and gives member prospects a chance to work one-on-one with state officers throughout the year.

Presented by Washington TSA: Thea Smith (President), Nolan Pierce (Vice President), Peter Whitney (Treasurer)

A STEM Research Program: Junior Science and Humanities Symposium (JSHS)

1:30 PM – 2:30 PM; L004

Keep your students engaged in STEM! Join our presenter and learn how your high school students can earn scholarships and expand their horizons through JSHS, a Department of Defense (DoD)-sponsored STEM research program.

Presented by National Science Teaching Association (NSTA)

Keeping Members Engaged at TSA Conferences

2:30 PM – 3:30 PM; L014

The session will highlight Georgia TSA's year-long chapter engagement and involvement incentives, starting with the Georgia CORE (Chapter Officer Retreat for Excellence) Conference, when Georgia state officers and established chapters train local chapter officers and help them develop an annual plan for their school. Also, promotional/marketing and recognitions programs will be explained; these programs are used in conference events and include the White Star membership program, Team Player recognitions, and Conference Spirit Sticks. The presentation will focus on ways to create and encourage member and chapter participation, recognition, and engagement at conferences.

Presented by Georgia TSA: Brooke Slone, (President), Bryce Ware (Sergeant-at-Arms), Liam Bell (2nd Vice President)

Middle School Guide Overview 2024-2025

3:00 PM – 3:45 PM; L004

The Competition Regulations Committee SME Team Lead and SME members will discuss competitive event changes and reveal the new event for the 2024–2025 competitive event guide.

State Delegations

State Delegation Meetings

State delegation meetings will be held the evening of Wednesday, June 28, to review the conference agenda and plans for the state delegation. (Everyone needs to attend.) Additional state delegation meetings may be held June 29, June 30, and July 1. Please refer to the schedule below for your state delegation meeting dates and times. All meetings take place in the Kentucky International Convention Center (KICC) unless otherwise noted. All state delegation meetings must end by 9:30 PM.

State	Time	Room Location
Wednesday, June 28		
Alabama	6:00 PM – 7:30 PM	L020
American Samoa	6:00 PM – 7:30 PM	M101
Arkansas	6:00 PM – 7:30 PM	Boardroom B
California	6:00 PM – 7:30 PM	L016
Colorado	6:00 PM – 7:30 PM	L026
Connecticut	6:00 PM – 7:30 PM	L014
Delaware	6:00 PM – 7:30 PM	L015
District of Columbia	6:00 PM – 7:30 PM	L028
Florida	6:00 PM – 7:30 PM	Ballroom C
Georgia	6:00 PM – 7:30 PM	Ballroom D
Germany	6:00 PM – 7:30 PM	L016
Idaho	6:00 PM – 7:30 PM	M113
Illinois	6:00 PM – 7:30 PM	L016
Indiana	6:00 PM – 7:30 PM	L021
Iowa	6:00 PM – 7:30 PM	M115
Kansas	6:00 PM – 7:30 PM	L004
Kentucky	6:00 PM – 7:30 PM	M100
Mississippi	6:00 PM – 7:30 PM	M108
Missouri	6:00 PM – 7:30 PM	L017
Nevada	6:00 PM – 7:30 PM	L016
New Hampshire	6:00 PM – 7:30 PM	L016
New Jersey	6:00 PM – 7:30 PM	Hyatt Ballroom South
New Mexico	6:00 PM – 7:30 PM	Ballroom E
New York	6:00 PM – 7:30 PM	L001
North Carolina	6:00 PM – 7:30 PM	M103
North Dakota	6:00 PM – 7:30 PM	L030
Ohio	6:00 PM – 7:30 PM	M114
Oklahoma	6:00 PM – 7:30 PM	M104
Oregon	6:00 PM – 7:30 PM	L003
Pennsylvania	6:00 PM – 7:30 PM	Hyatt Ballroom North
Rhode Island	6:00 PM – 7:30 PM	L016
South Carolina	6:00 PM – 7:30 PM	L027
Tennessee	6:00 PM – 7:30 PM	M111
Texas	6:00 PM – 7:30 PM	North Hall D
Utah	6:00 PM – 7:30 PM	L013
Virginia	6:00 PM – 7:30 PM	Ballroom B
Washington	6:00 PM – 7:30 PM	Omni Commonwealth 3
West Virginia	6:00 PM – 7:30 PM	L008

State	Time	Room Location
Thursday, June 29		
Iowa	6:00 PM – 7:30 PM	L008
Kansas	6:00 PM – 7:30 PM	L016
Ohio	6:00 PM – 7:30 PM	L015
Oklahoma	6:00 PM – 7:30 PM	Ballroom B
Delaware	8:00 PM – 9:30 PM	Ballroom E
Florida	8:00 PM – 9:30 PM	Ballroom B
Missouri	8:00 PM – 9:30 PM	M110
New York	8:00 PM – 9:30 PM	L008
North Carolina	8:00 PM – 9:30 PM	M104
Tennessee	8:00 PM – 9:30 PM	M102
Texas	8:00 PM – 9:30 PM	Ballroom C
Utah	8:00 PM – 9:30 PM	L016
Washington	8:00 PM – 9:30 PM	Omni Commonwealth 3
West Virginia	8:00 PM – 9:30 PM	L019
Friday, June 30		
Colorado	6:00 PM – 7:30 PM	Ballroom D
Delaware	6:00 PM – 7:30 PM	Ballroom E
Iowa	6:00 PM – 7:30 PM	M115
Ohio	6:00 PM – 7:30 PM	M116
Oklahoma	6:00 PM – 7:30 PM	Ballroom A
Tennessee	6:00 PM – 7:30 PM	L008
Virginia	6:00 PM – 7:30 PM	Ballroom B
Georgia	8:00 PM – 9:30 PM	Ballroom A
Kentucky	8:00 PM – 9:30 PM	Ballroom C
Missouri	8:00 PM – 9:30 PM	L020
New York	8:00 PM – 9:30 PM	L018
North Carolina	8:00 PM – 9:30 PM	Ballroom E
Pennsylvania	8:00 PM – 9:30 PM	Ballroom B
Texas	8:00 PM – 9:30 PM	Ballroom D
West Virginia	8:00 PM – 9:30 PM	L008
Saturday, July 1		
Iowa	6:00 PM – 7:30 PM	L001
Ohio	6:00 PM – 7:30 PM	Ballroom B
Utah	6:00 PM – 7:30 PM	Ballroom E
New York	8:00 PM – 9:30 PM	L001
North Carolina	8:00 PM – 9:30 PM	Ballroom E
Washington	8:00 PM – 9:30 PM	Omni Germantown
West Virginia	8:00 PM – 9:30 PM	Ballroom B

State Delegations

State Delegation Photo Schedule

State delegations may use their own cameras to take group photographs in the Convention Center Pre-function, located on the 3rd level of the Kentucky International Convention Center (KICC) during their designated day and time.

Share Your Photos!

Get social with TSA at the 2023 National TSA Conference in Louisville, Kentucky! Share your photos and videos during the conference, and don't forget to tag @NationalTSA and use #ForeverTSA. We can't wait to see how the members are enjoying the conference!

Follow us on:

 @NationalTSA

 /NationalTSA

 @nationaltsa

Time	State	Time	State
Thursday, June 29		Friday, June 30	
12:00 PM	Arkansas	12:00 PM	New York
12:15 PM	California	12:15 PM	Illinois
12:30 PM	Tennessee	12:30 PM	Connecticut
12:45 PM	Georgia	12:45 PM	Florida
1:00 PM	Washington	1:00 PM	Iowa
1:15 PM	Colorado	1:15 PM	Delaware
1:30 PM	Kansas	1:30 PM	South Carolina
1:45 PM	New Jersey	1:45 PM	Missouri
2:00 PM	Kentucky	2:00 PM	Mississippi
2:15 PM	North Dakota	2:15 PM	New Mexico
2:30 PM	Pennsylvania	2:30 PM	Idaho
2:45 PM	New Hampshire	2:45 PM	Utah
3:00 PM	Oklahoma	3:00 PM	West Virginia
3:15 PM	Alabama	3:15 PM	Virginia
3:30 PM	Texas	3:30 PM	North Carolina
3:45 PM	District of Columbia	3:45 PM	Indiana
4:00 PM	Rhode Island	4:00 PM	Ohio
4:15 PM	Nevada	4:15 PM	Oregon
4:30 PM	Germany	4:30 PM	American Samoa

Code of Conduct

This Code of Conduct applies to **all persons** attending the national TSA conference, including, but not limited to, all student members, advisors, alumni, parents, volunteers, and guests. All attendees are expected to conduct themselves in a polite, civil, and respectful manner towards others, and must comply with all applicable laws.

1. Unacceptable behavior will not be tolerated, such as the following:
 - abusive language
 - bullying
 - discrimination
 - threatening behavior
 - sexual harassment
 - causing physical harm
2. No alcoholic beverages, narcotics, firearms, or weapons, in any form, shall be possessed by attendees at any time, under any circumstances.
3. All student attendees must keep their advisor informed of their activities and/or whereabouts at all times.
4. Attendees should be prompt and prepared for all activities.
5. Attendees should be financially prepared for any unexpected expense.
6. Attendees shall be off the convention center grounds by curfew or immediately following the last scheduled event.
7. No student attendee shall leave the conference hotels or convention center unless permission has been received from his or her chapter advisor.
8. Attendees are required to attend all general sessions and activities assigned, including competitive events, meetings, etc.
9. Identification (conference name badges) must be worn and be visible on a TSA lanyard by all conference attendees at the convention center.
10. **National TSA Dress Code** must be followed by all attendees.
11. All conference attendees must follow facility guidelines for adhering signs, notices, posters, etc. to walls, doors, or any facility surface. There shall be no defacing of public property. Any damages to the property or furnishings in the hotel rooms or buildings must be paid for by the individual(s) or chapter(s) responsible.
12. No helium or water balloons are permitted at the conference.
13. Attendees violating or ignoring any of the conduct rules will subject their entire delegation to being unseated and their candidates or competitive event participants being disqualified. Individual attendees may be sent home immediately at their own expense.
14. Curfews will be enforced. All student attendees will be in their assigned hotel rooms by the announced curfew times.

15. The TSA, Inc. Executive Committee reserves the right to dismiss any person from the conference for inappropriate actions.

Advisors

1. Advisors shall conduct periodic meetings with their student attendees for the purpose of reviewing conference activities, obtaining progress reports, emphasizing time schedules, sharing successes, and overall, to ensure that the students are taking full advantage of the conference and its activities.
2. Advisors shall keep an agenda of their own schedule and give it to their student attendees, along with contact information, so that the advisor may be reached during the conference at any time.
3. Each advisor shall be responsible for ensuring that all student attendees adhere to all conduct practices and procedures, as published in this document.
4. Chapter advisors will be responsible for their student attendees' conduct.
5. The rules, as stated in this Code of Conduct and in the National TSA Dress Code, apply to advisors and parents as well as students.

Safety and Security

The safety and security of all persons who attend the conference is of the utmost concern to the governing body of TSA. There are numerous security guards, provided by the convention center and TSA, who work closely with local law enforcement. In addition, daily advisor update meetings provide information on how to report any security issues that may arise. As a necessary precaution, TSA enforces the following procedures:

- All participants must register for the conference.
- Identification (name badge) must be worn and be visible on a TSA lanyard by all conference attendees at the convention center after June 28th.
- The mandatory student attendee curfew is 10:00pm.
- The conference is not "open to the public."
- The TSA Code of Conduct must be followed by all attendees.

Personal items brought to the conference for use at the conference are the sole responsibility of the attendee who chooses to bring the items. If a participant chooses to bring items of value, s/he is responsible for their safekeeping at all times, including any item of monetary or personal value and items used in competitive events. TSA accepts no responsibility for replacement of lost, misplaced, or stolen items and will not replace such items. This policy applies to all attendees and includes the conference management team and event coordinators.

Competitive Events Check-in

All events take place in the Kentucky International Convention Center (KICC) unless otherwise noted.

Wednesday, June 28

7:30 PM – 9:45 PM

Dragster – MS	North Hall C
Dragster Design – HS	North Hall C

8:00 PM – 9:00 PM

Animatronics – HS	M101
Challenging Technology Issues – MS	L001
Extemporaneous Speech – HS	M102
Leadership Strategies – MS	L002
Prepared Presentation – HS	M105
Prepared Speech – MS	L003
Software Development – HS	M106

8:00 PM – 9:45 PM

Children’s Stories – HS	L027
Children’s Stories – MS	L028
Drone Challenge (UAV) – HS	Ballroom A
Promotional Design – HS	L029
Virtual Reality Visualization (VR) – HS	L025

Thursday, June 29

7:30 AM – 8:30 AM

Fashion Design and Technology – HS	M111
Microcontroller Design – MS	M107
Structural Design and Engineering – HS	M103
Structural Engineering – MS	M100

11:00 AM – 12:00 PM

Debating Technological Issues – HS	M104
Flight – MS	South Hall B
Junior Solar Sprint – MS	South Hall B
Senior Solar Sprint – HS	South Hall B

12:00 PM – 12:30 PM

Computer-Aided Design (CAD), Architecture – HS	M112
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12:00 PM – 7:00 PM

VEX IQ – MS	Marriott Ballroom
VEX VRC – HS	Marriott Ballroom

1:30 PM – 2:00 PM

Geospatial Technology – HS	L013
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3:00 PM – 5:00 PM

Biotechnology – MS	South Hall A
Construction Challenge – MS	South Hall A
Data Science and Analytics – MS	South Hall A
Inventions and Innovations – MS	South Hall A
Mass Production – MS	South Hall A
Medical Technology – MS	South Hall A
Off the Grid – MS	South Hall A

4:00 PM – 6:00 PM

Architectural Design – HS	South Hall A
Biotechnology Design – HS	South Hall A
Board Game Design – HS	South Hall A
Engineering Design – HS	South Hall A
Manufacturing Prototype – HS	South Hall A
Transportation Modeling – HS	South Hall A

6:00 PM – 6:30 PM

Technical Design – MS	M104
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7:00 PM – 7:30 PM

On Demand Video – HS	Ballroom D
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Friday, June 30

11:00 AM – 11:45 AM

Flight Endurance – HS	South Hall B
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11:00 AM – 12:00 PM

Mechanical Engineering – MS	M104
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11:00 AM – 2:30 PM

Technology Problem Solving – HS	Ballroom C
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11:30 AM – 1:30 PM

Essays on Technology – MS	M107
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1:30 AM – 12:00 PM

Computer-Aided Design (CAD) Foundations – MS	M108
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12:00 PM – 12:30 PM

Computer-Aided Design (CAD), Engineering – HS	M112
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2:30 PM – 5:00 PM

Essays on Technology – HS	M107
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3:00 PM – 6:30 PM

Problem Solving – MS	Ballroom C
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Saturday, July 1

11:00 AM – 12:00 PM

System Control Technology – HS	M108
System Control Technology – MS	M107

Competitive Events Schedule – HS

All events take place in the Kentucky International Convention Center (KICC) unless otherwise noted.

Animatronics – HS

Wednesday, June 28; 8:00 PM – 9:00 PM
Preliminary Round – check-in and sign-up for setup time M101

Friday, June 30; 11:00 AM – 6:00 PM
Preliminary Round – set-up entry, presentation/interview, and entry removal M110

Architectural Design – HS

Thursday, June 29; 11:00 AM
Preliminary Round – list is posted of the 24 teams to submit model Website/App/Display Board

Thursday, June 29; 4:00 PM – 6:00 PM
Preliminary Round – check-in and submit entry South Hall A

Saturday, July 1; 11:00 AM – 11:10 AM
Semifinalist team representative report for presentation/interview time South Hall A

Saturday, July 1; 11:30 AM – 2:00 PM
Semifinals – presentation/interviews South Hall A

Saturday, July 1; 4:30 PM – 5:00 PM
All entries MUST be picked up South Hall A

Audio Podcasting – HS

Thursday, June 29; 1:00 PM – 1:10 PM
Semifinalist team representative report for interview time L022

Thursday, June 29; 1:30 PM – 4:00 PM
Semifinals – interviews L022

Biotechnology Design – HS

Thursday, June 29; 4:00 PM – 6:00 PM
Preliminary Round – check-in and submit entry South Hall A

Saturday, July 1; 11:00 AM – 11:10 AM
Semifinalist team representative report for presentation/interview time South Hall A

Saturday, July 1; 11:30 AM – 2:00 PM
Semifinals – presentation/interviews South Hall A

Saturday, July 1; 4:30 PM – 5:00 PM
All entries MUST be picked up South Hall A

Board Game Design – HS

Thursday, June 29; 4:00 PM – 6:00 PM
Preliminary Round – check-in and submit entry South Hall A

Saturday, July 1; 11:00 AM – 11:10 AM
Semifinalist team representative report for demonstration/interview time South Hall A

Saturday, July 1; 11:30 AM – 2:00 PM
Semifinals – demonstration/interviews South Hall A

Saturday, July 1; 4:30 PM – 5:00 PM
All entries MUST be picked up South Hall A

Chapter Team – HS

Thursday, June 29; 3:00 PM – 4:30 PM
Preliminary Round – written test Ballroom C

Friday, June 30; 5:00 PM – 5:10 PM
Semifinalist team representative report for presentation time L022

Saturday, July 1; 12:00 PM – 4:00 PM
Semifinals – presentation room L018

Saturday, July 1; 12:00 PM – 4:00 PM
Semifinals – chapter minutes L022

Children’s Stories – HS

Wednesday, June 28; 8:00 PM – 9:45 PM
Preliminary Round – check-in and submit entry L027

Friday, June 30; 12:30 PM – 12:40 PM
Semifinalist team representative report for interview time L024

Friday, June 30; 1:00 PM – 5:00 PM
Semifinals – reading the story/interviews L024

Saturday, July 1; 4:30 PM – 5:00 PM
All entries MUST be picked up South Hall A

Coding – HS

Thursday, June 29; 11:00 AM – 12:30 PM
Preliminary Round – written test Ballroom E

Friday, June 30; 1:00 PM – 5:00 PM
Semifinals – on-site challenge L015

Competitive Events Schedule – HS

Computer-Aided Design (CAD), Architecture – HS

Thursday, June 29; 12:00 PM – 12:30 PM	
Preliminary Round – check-in and set up	M112
Thursday, June 29; 12:30 PM – 5:00 PM	
Preliminary Round – on-site performance	M112
Thursday, June 29; 5:00 PM – 6:30 PM	
Preliminary Round – evaluation and interviews	M112

Computer-Aided Design (CAD), Engineering – HS

Friday, June 30; 12:00 PM – 12:30 PM	
Preliminary Round – check-in and set up	M112
Friday, June 30; 12:30 PM – 5:00 PM	
Preliminary Round – on-site performance	M112
Friday, June 30; 5:00 PM – 6:30 PM	
Preliminary Round – evaluation and interviews	M112

Data Science and Analytics – HS

Thursday, June 29; 11:00 AM	
Preliminary Round – list is posted of the 24 teams to sign up for presentation time Website/App/Display Board	
Thursday, June 29; 1:30 PM – 1:40 PM	
Preliminary team representative report for presentation time	M101
Thursday, June 29; 2:00 PM – 6:30 PM	
Preliminary Round – scientific poster presentations	M101
Saturday, July 1; 11:30 AM – 2:00 PM	
Semifinals – on-site problem	M115

Debating Technological Issues – HS

Thursday, June 29; 11:00 AM – 12:00 PM	
Preliminary Round – check-in, receive the subtopic, and sign up for debate time	M104
Thursday, June 29; 1:00 PM – 5:00 PM	
Preliminary Round – teams report for heat room assignment	L021
Thursday, June 29; 1:00 PM – 5:00 PM	
Preliminary Round – heat rooms	L017-L018-L020
Friday, June 30; 1:00 PM – 1:10 PM	
Semifinalist team representative report for debate time	M016
Friday, June 30; 1:30 PM – 4:00 PM	
Semifinals – holding and preparation room	M016
Friday, June 30; 1:30 PM – 4:00 PM	
Semifinals – debate room	M015

Digital Video Production – HS

Friday, June 30; 12:00 PM – 12:10 PM	
Semifinalist team representative report for interview time	M114
Friday, June 30; 12:30 PM – 2:30 PM	
Semifinals – interviews	M114

Dragster Design – HS

Wednesday, June 28; 7:30 PM – 9:45 PM	
Preliminary Round – check-in and submit entry	North Hall C
Thursday, June 29; 1:30 PM – 5:30 PM	
Preliminary Round – time trials	North Hall C
Friday, June 30; 11:00 AM – 11:10 AM	
Semifinalists report for interview time	North Hall C
Friday, June 30; 11:15 AM – 12:45 PM	
Semifinalists interviews (Top 16 cars)	North Hall C
Friday, June 30; 3:00 PM – 5:00 PM	
Semifinals – head-to-head double elimination bracket	North Hall C
Friday, June 30; 5:30 PM – 6:00 PM	
All entries MUST be picked up	North Hall C

Drone Challenge (UAV) – HS

Wednesday, June 28; 8:00 PM – 9:45 PM	
Preliminary Round – check-in, submit materials, and sign up for onsite challenge time	Ballroom A
Thursday, June 29; 11:00 AM – 11:15 AM	
Preliminary Round – team orientation meeting	Ballroom A
Thursday, June 29; 11:30 AM – 6:00 PM	
Preliminary Round – time trials	Ballroom A
Saturday, July 1; 12:30 PM – 12:40 PM	
Semifinalist team representative report for interview time	M116
Saturday, July 1; 1:00 PM – 3:30 PM	
Semifinals – interviews	M116

Engineering Design – HS

Thursday, June 29; 4:00 PM – 6:00 PM	
Preliminary Round – check-in and submit entry	South Hall A
Saturday, July 1; 11:00 AM – 11:10 AM	
Semifinalist team representative report for presentation/interview time	South Hall A
Saturday, July 1; 11:30 AM – 2:00 PM	
Semifinals – presentation/interviews	South Hall A
Saturday, July 1; 4:30 PM – 5:00 PM	
All entries MUST be picked up	South Hall A

Competitive Events Schedule – HS

Essays on Technology – HS

Friday, June 30; 2:30 PM – 5:00 PM
Preliminary Round – check-in and essay writing M107

Extemporaneous Speech – HS

Wednesday, June 28; 8:00 PM – 9:00 PM
Preliminary Round – check-in and sign up for heat time M102

Thursday, June 29; 1:00 PM – 5:00 PM
Preliminary Round – preparation room and heat room assignment M105

Thursday, June 29; 1:00 PM – 5:00 PM
Preliminary Round – heat rooms M106-M115-M116

Friday, June 30; 1:00 PM – 1:10 PM
Semifinalists report for speech time M105

Friday, June 30; 1:30 PM – 4:00 PM
Semifinals – preparation room M105

Friday, June 30; 1:30 PM – 4:00 PM
Semifinals – presentation room M106

Fashion Design and Technology – HS

Thursday, June 29; 7:30 AM – 8:30 AM
Preliminary Round – check-in and submit entry M111

Thursday, June 29; 7:00 PM – 7:30 PM
All entries MUST be picked up M111

Saturday, July 1; 12:30 PM – 12:40 PM
Semifinalist team representative report for presentation/interview time M109

Saturday, July 1; 1:00 PM – 3:30 PM
Semifinals – presentation/interviews M109

Flight Endurance – HS

Friday, June 30; 11:00 AM – 11:45 AM
Preliminary Round – check-in, submit entry for impound, and sign up for flight time South Hall B

Friday, June 30; 11:45 AM – 12:00 PM
Preliminary Round – pilot's meeting South Hall B

Friday, June 30; 12:00 PM – 6:00 PM
Preliminary Round – trim & fly, time trials South Hall B

Saturday, July 1; 3:00 PM – 4:00 PM
All entries MUST be picked up South Hall B

Forensic Science – HS

Thursday, June 29; 1:00 PM – 2:30 PM
Preliminary Round – written test Ballroom E

Friday, June 30; 12:30 PM – 12:40 PM
Semifinalist team representative report for onsite analysis time M101

Friday, June 30; 1:00 PM – 5:30 PM
Semifinals – on-site challenge written analysis room M101

Friday, June 30; 1:00 PM – 5:30 PM
Semifinals – on-site challenge room M102

Future Technology and Engineering Teacher – HS

Friday, June 30; 12:00 PM – 12:10 PM
Semifinalists report for presentation time M113

Friday, June 30; 12:30 PM – 3:30 PM
Semifinals – lesson plan presentation and interviews M113

Geospatial Technology – HS

Thursday, June 29; 11:00 AM
Preliminary Round – list is posted of the 24 teams to submit the visual infographic map Website/App/Display Board

Thursday, June 29; 1:30 PM – 2:00 PM
Preliminary Round – check-in and submit entry L013

Friday, June 30; 12:30 PM – 12:40 PM
Semifinalist team representative report for presentation/interview time L013

Friday, June 30; 1:00 PM – 3:30 PM
Semifinals – presentation/interviews L013

Friday, June 30; 5:00 PM – 5:30 PM
All entries MUST be picked up L013

Manufacturing Prototype – HS

Thursday, June 29; 4:00 PM – 6:00 PM
Preliminary Round – check-in and submit entry South Hall A

Saturday, July 1; 11:00 AM – 11:10 AM
Semifinalist team representative report for demonstration/sales pitch time South Hall A

Saturday, July 1; 11:30 AM – 2:00 PM
Semifinals – demonstration/sales pitch South Hall A

Saturday, July 1; 4:30 PM – 5:00 PM
All entries MUST be picked up South Hall A

Competitive Events Schedule – HS

Music Production – HS

Friday, June 30; 12:00 PM – 12:10 PM	
Semifinalist team representative report for interview time	L022
Friday, June 30; 12:30 PM – 3:00 PM	
Semifinals – interviews	L022

On Demand Video – HS

Thursday, June 29; 7:00 PM – 7:30 PM	
Preliminary Round – check-in and team representative meeting to receive the on-site challenge	Ballroom D
Saturday, July 1; 7:00 AM – 7:30 AM	
Preliminary Round – submit entry by 36 hour deadline	Online submission

Photographic Technology – HS

Thursday, June 29; 11:00 AM – 11:30 AM	
Semifinals – receive semifinal problem and sign up for presentation/interview time	L016
Friday, June 30; 11:00 AM – 11:30 AM	
Semifinals – solution submission	L016
Saturday, July 1; 1:00 PM – 3:30 PM	
Semifinals – presentations/interviews	Boardroom B

Prepared Presentation – HS

Wednesday, June 28; 8:00 PM – 9:00 PM	
Preliminary Round – check-in and sign-up for heat time	M105
Thursday, June 29; 1:00 PM – 5:00 PM	
Preliminary Round – presentation holding room	L001
Thursday, June 29; 1:00 PM – 5:00 PM	
Preliminary Round – presentation room	L001-L002-L003
Saturday, July 1; 12:30 PM – 12:40 PM	
Semifinalists report for presentation time	L029
Saturday, July 1; 1:00 PM – 3:30 PM	
Semifinals – presentations	L029

Promotional Design – HS

Wednesday, June 28; 8:00 PM – 9:45 PM	
Preliminary Round – check-in and submit entry	L029
Friday, June 30; 12:00 PM – 12:30 PM	
Semifinalists set up	Boardroom B
Friday, June 30; 12:30 PM – 3:30 PM	
Semifinals – on-site challenge	Boardroom B

Senior Solar Sprint – HS

Thursday, June 29; 11:00 AM – 12:00 PM	
Preliminary Round – check-in and submit entries	South Hall B
Friday, June 30; 11:00 AM – 12:00 PM	
Preliminary Round – practice runs	South Hall B
Friday, June 30; 3:00 PM – 6:00 PM	
Preliminary Round – time trials	South Hall B
Friday, June 30; 4:00 PM – 6:00 PM	
Preliminary Round – Focus Groups	South Hall B
Saturday, July 1; 11:00 AM – 11:10 AM	
Semifinalist team representative report for interview time	South Hall B
Saturday, July 1; 11:30 AM – 1:00 PM	
Semifinals – interviews	South Hall B
Saturday, July 1; 3:30 PM – 5:30 PM	
Semifinals – head-to-head races	South Hall B
Saturday, July 1; 5:30 PM – 6:00 PM	
All entries MUST be picked up	South Hall B

Software Development – HS

Wednesday, June 28; 8:00 PM – 9:00 PM	
Preliminary Round – check-in and sign up for presentation/interview time	M106
Friday, June 30; 1:00 PM – 5:00 PM	
Preliminary Round – preparation room and heat room assignment	L017
Friday, June 30; 1:00 PM – 5:00 PM	
Preliminary Round – heat rooms	L017-L018-L020
Saturday, July 1; 12:30 PM – 12:40 PM	
Semifinalist team representative report for presentation time	L020
Saturday, July 1; 1:00 PM – 3:30 PM	
Semifinals – presentations	L020

Competitive Events Schedule – HS

Structural Design and Engineering – HS

Thursday, June 29; 7:30 AM – 8:30 AM	
Preliminary Round – check-in and submit entry	M103
Friday, June 30; 11:00 AM – 2:30 PM	
Semifinals – on-site design and build	M103
Saturday, July 1; 1:00 PM – 2:30 PM	
Semifinals – destructive test	M103
Saturday, July 1; 4:00 PM – 4:30 PM	
All entries MUST be picked up	M103

System Control Technology – HS

Saturday, July 1; 11:00 AM – 12:00 PM	
Preliminary Round – Phase #1: Check-in and the team captain completes set-up	M108
Saturday, July 1; 12:00 PM – 12:15 PM	
Preliminary Round – Phase #2: Problem analysis	M108
Saturday, July 1; 12:15 PM – 2:45 PM	
Preliminary Round – Phase #3: Model development and programming	M108
Saturday, July 1; 2:45 PM – 5:15 PM	
Preliminary Round – solution judging and interviews	M108
Saturday, July 1; 5:30 PM – 6:00 PM	
All entries MUST be picked up	M108

Technology Bowl – HS

Thursday, June 29; 5:00 PM – 6:30 PM	
Preliminary Round – written test	Ballroom C
Friday, June 30; 3:00 PM – 6:00 PM	
Semifinals – holding room	L030
Friday, June 30; 3:00 PM – 6:00 PM	
Semifinals – competition room	L016

Technology Problem Solving – HS

Friday, June 30; 11:00 AM – 2:30 PM	
Preliminary Round – Check-in, design solution, and evaluation	Ballroom C

Transportation Modeling – HS

Thursday, June 29; 4:00 PM – 6:00 PM	
Preliminary Round – Check-in and submit entry	South Hall A
Saturday, July 1; 11:00 AM – 11:10 AM	
Semifinalists report for interview time	South Hall A
Saturday, July 1; 11:30 AM – 2:00 PM	
Semifinals – interviews	South Hall A
Saturday, July 1; 4:30 PM – 5:00 PM	
All entries MUST be picked up	South Hall A

VEX VRC – HS

Thursday, June 29; 12:00 PM – 7:00 PM	
Team Check-In, Inspection, Skills Matches	Marriott Ballroom
Friday, June 30; 11:30 AM – 7:00 PM	
Judging, Skills Matches	Marriott Ballroom
Saturday, July 1; 11:30 AM – 3:00 PM	
Judging, Skills Matches STOPPING TIME IS 3:00 PM	Marriott Ballroom
Saturday, July 1; 3:15 PM – 4:30 PM	
VRC Elimination Rounds	Marriott Ballroom

Video Game Design – HS

Friday, June 30; 12:30 PM – 12:40 PM	
Semifinalist team representative report for interview time	L021
Friday, June 30; 1:00 PM – 3:30 PM	
Semifinals – interviews	L021

Virtual Reality Visualization (VR) – HS

Wednesday, June 28; 8:00 PM – 9:45 PM	
Preliminary Round – Check-in and submit entry	L025
Saturday, July 1; 12:00 PM – 12:10 PM	
Semifinalist team representative report for interview time	M101
Saturday, July 1; 12:30 PM – 3:00 PM	
Semifinals – presentation/interviews	M101

Webmaster – HS

Friday, June 30; 12:30 PM – 12:40 PM	
Semifinalist team representative report for interview time	L029
Friday, June 30; 1:00 PM – 3:30 PM	
Semifinals – interviews	L029

Competitive Events Schedule – MS

All events take place in the Kentucky International Convention Center (KICC) unless otherwise noted.

Biotechnology – MS

Thursday, June 29; 3:00 PM – 5:00 PM	
Preliminary Round – check-in and submit entry	South Hall A
Saturday, July 1; 11:00 AM – 11:10 AM	
Semifinalist team representative report for presentation/interview time	South Hall A
Saturday, July 1; 11:30 AM – 2:00 PM	
Semifinals – presentation/interviews	South Hall A
Saturday, July 1; 4:30 PM – 5:00 PM	
All entries MUST be picked up	South Hall A

Career Prep – MS

Friday, June 30; 12:30 PM – 12:40 PM	
Semifinalists report for interview time	Boardroom C
Friday, June 30; 1:00 PM – 3:30 PM	
Semifinals – interviews	Boardroom C

Challenging Technology Issues – MS

Wednesday, June 28; 8:00 PM – 9:00 PM	
Preliminary Round – check-in and sign-up for heat time	L001
Friday, June 30; 1:00 PM – 5:00 PM	
Preliminary Round – heats prep room and heat room assignment	L026
Friday, June 30; 1:00 PM – 5:00 PM	
Preliminary Round – heat rooms	L025-L027-L028
Saturday, July 1; 12:00 PM – 12:10 PM	
Semifinalist team representative report for presentation time	L027
Saturday, July 1; 12:30 PM – 3:00 PM	
Semifinals – preparation room	L027
Saturday, July 1; 12:30 PM – 3:00 PM	
Semifinals – presentation room	L028

Chapter Team – MS

Thursday, June 29; 1:00 PM – 2:30 PM	
Preliminary Round – written test	Ballroom C
Friday, June 30; 5:00 PM – 5:10 PM	
Semifinalist team representative report for presentation time	L021
Saturday, July 1; 12:00 PM – 4:00 PM	
Semifinals – presentation room	L017
Saturday, July 1; 12:00 PM – 4:00 PM	
Semifinals – chapter minutes	L022

Children’s Stories – MS

Wednesday, June 28; 8:00 PM – 9:45 PM	
Preliminary Round – check-in and submit entry	L028
Saturday, July 1; 12:00 PM – 12:10 PM	
Semifinalist team representative report for presentation time	M110
Saturday, July 1; 12:30 PM – 3:30 PM	
Semifinals – presentations	M110
Saturday, July 1; 4:30 PM – 5:00 PM	
All entries MUST be picked up	South Hall A

Coding – MS

Thursday, June 29; 3:00 PM – 4:30 PM	
Preliminary Round – written test	Ballroom E
Saturday, July 1; 12:00 PM – 4:00 PM	
Semifinals – on-site programming challenge	M113

Community Service Video – MS

Thursday, June 29; 1:00 PM – 1:10 PM	
Semifinalist team representative report for interview time	L029
Thursday, June 29; 1:30 PM – 4:00 PM	
Semifinals – interviews	L029

Competitive Events Schedule – MS

Computer-Aided Design (CAD) Foundations – MS

Friday, June 30; 11:30 AM – 12:00 PM	
Preliminary Round – check-in and orientation/set up	M108
Friday, June 30; 12:00 PM – 2:00 PM	
Preliminary Round – solution development	M108
Friday, June 30; 2:00 PM – 3:00 PM	
Preliminary Round – evaluation	M108

Construction Challenge – MS

Thursday, June 29; 3:00 PM – 5:00 PM	
Preliminary Round – check-in and submit entry	South Hall A
Saturday, July 1; 11:00 AM – 11:10 AM	
Semifinalist team representative report for presentation/interview time	South Hall A
Saturday, July 1; 11:30 AM – 2:00 PM	
Semifinals – presentation/interviews	South Hall A
Saturday, July 1; 4:30 PM – 5:00 PM	
All entries MUST be picked up	South Hall A

Cybersecurity – MS

Friday, June 30; 11:00 AM – 12:30 PM	
Preliminary round – written test	Ballroom E
Saturday, July 1; 12:00 PM – 12:10 PM	
Semifinalist team representative report for presentation time	M114
Saturday, July 1; 12:30 PM – 3:30 PM	
Semifinals – presentations	M114

Data Science and Analytics – MS

Thursday, June 29; 3:00 PM – 5:00 PM	
Preliminary Round – check-in and submit entry	South Hall A
Saturday, July 1; 12:00 PM – 12:10 PM	
Semifinalist team representative report for on-site challenge time	L002
Saturday, July 1; 12:30 PM – 3:30 PM	
Semifinals – on-site challenge preparation room	L002
Saturday, July 1; 12:30 PM – 3:30 PM	
Semifinals – on-site challenge presentation room	L003
Saturday, July 1; 4:30 PM – 5:00 PM	
All entries MUST be picked up	South Hall A

Digital Photography – MS

Saturday, July 1; 11:00 AM – 11:30 AM	
Semifinalists set up	M112
Saturday, July 1; 11:30 AM – 2:30 PM	
Semifinals – on-site challenge	M112
Saturday, July 1; 2:30 PM – 4:30 PM	
Semifinals – interviews	M112

Dragster – MS

Wednesday, June 28; 7:30 PM – 9:45 PM	
Preliminary Round – check-in and submit entry	North Hall C
Thursday, June 29; 1:30 PM – 5:30 PM	
Preliminary Round – time trials	North Hall C
Friday, June 30; 11:00 AM – 11:10 AM	
Semifinalists report for interview time	North Hall C
Friday, June 30; 11:15 AM – 12:45 PM	
Semifinalists interviews (Top 16 cars)	North Hall C
Friday, June 30; 1:00 PM – 3:00 PM	
Semifinals – head-to-head double elimination bracket	North Hall C
Friday, June 30; 5:30 PM – 6:00 PM	
All entries MUST be picked up	North Hall C

Electrical Applications – MS

Friday, June 30; 1:00 PM – 2:30 PM	
Preliminary Round – written test	Ballroom E
Saturday, July 1; 12:00 PM – 4:30 PM	
Semifinals – on-site problem and interviews	L015

Essays on Technology – MS

Friday, June 30; 11:30 AM – 1:30 PM	
Preliminary Round – detailed outline	M107
Saturday, July 1; 11:30 AM – 1:30 PM	
Semifinals – essays	M102

Competitive Events Schedule – MS

Flight – MS

Thursday, June 29; 11:00 AM – 12:00 PM	
Preliminary Round – check-in and sign-up for preliminary testing time	South Hall B
Thursday, June 29; 12:30 PM – 4:00 PM	
Preliminary Round – testing	South Hall B
Friday, June 30; 1:00 PM – 4:00 PM	
Semifinals – construction, time trials, and evaluation	South Hall B
Friday, June 30; 6:00 PM – 6:30 PM	
All entries MUST be picked up	South Hall B

Forensic Technology – MS

Thursday, June 29; 5:00 PM – 6:30 PM	
Preliminary Round – written test	Ballroom E
Saturday, July 1; 12:00 PM – 12:10 PM	
Semifinalist team representative report for presentation time	L021
Saturday, July 1; 12:30 PM – 3:30 PM	
Semifinals – presentations	L021

Foundations of Information Technology (FIT) – MS

Friday, June 30; 3:00 PM – 4:30 PM	
Preliminary Round – written test	Ballroom E

Inventions and Innovations – MS

Thursday, June 29; 3:00 PM – 5:00 PM	
Preliminary Round – check-in and submit entry	South Hall A
Saturday, July 1; 11:00 AM – 11:10 AM	
Semifinalist team representative report for presentation/interview time	South Hall A
Saturday, July 1; 11:30 AM – 2:00 PM	
Semifinals – presentation/interviews	South Hall A
Saturday, July 1; 4:30 PM – 5:00 PM	
All entries MUST be picked up	South Hall A

Junior Solar Sprint – MS

Thursday, June 29; 11:00 AM – 12:00 PM	
Preliminary Round – check-in and submit entries	South Hall B
Friday, June 30; 11:00 AM – 12:00 PM	
Preliminary Round – practice runs	South Hall B
Friday, June 30; 12:00 PM – 3:00 PM	
Preliminary Round – time trials	South Hall B
Friday, June 30; 1:00 PM – 3:00 PM	
Preliminary Round – Focus Groups	South Hall B
Saturday, July 1; 11:00 AM – 11:10 AM	
Semifinalist team representative report for interview time	South Hall B
Saturday, July 1; 11:30 AM – 1:00 PM	
Semifinals – interviews	South Hall B
Saturday, July 1; 1:30 PM – 3:30 PM	
Semifinals – head-to-head races	South Hall B
Saturday, July 1; 5:30 PM – 6:00 PM	
All entries MUST be picked up	South Hall B

Leadership Strategies – MS

Wednesday, June 28; 8:00 PM – 9:00 PM	
Preliminary Round – check-in and sign-up for heat time	L002
Thursday, June 29; 1:00 PM – 5:00 PM	
Preliminary Round – preparation room and heat room assignment	L026
Thursday, June 29; 1:00 PM – 5:00 PM	
Preliminary Round – heat rooms	L025-L027-L028
Saturday, July 1; 12:00 PM – 12:10 PM	
Semifinalist team representative report for presentation time	L024
Saturday, July 1; 12:30 PM – 3:00 PM	
Semifinals – preparation room	L024
Saturday, July 1; 12:30 PM – 3:00 PM	
Semifinals – presentation room	L025

Competitive Events Schedule – MS

Mass Production – MS

Thursday, June 29; 3:00 PM – 5:00 PM	
Preliminary Round – check-in and submit entry	South Hall A
Saturday, July 1; 11:00 AM – 11:10 AM	
Semifinalist team representative report for presentation/interview time	South Hall A
Saturday, July 1; 11:30 AM – 2:00 PM	
Semifinals – presentation/interviews	South Hall A
Saturday, July 1; 4:30 PM – 5:00 PM	
All entries MUST be picked up	South Hall A

Mechanical Engineering – MS

Friday, June 30; 11:00 AM – 12:00 PM	
Preliminary Round – check-in and sign-up for a performance time slot	M104
Friday, June 30; 2:00 PM – 5:00 PM	
Preliminary Round – solution testing and interviews	M104
Saturday, July 1; 4:00 PM – 4:30 PM	
All entries MUST be picked up	M104

Medical Technology – MS

Thursday, June 29; 3:00 PM – 5:00 PM	
Preliminary Round – check-in and submit entry	South Hall A
Saturday, July 1; 11:00 AM – 11:10 AM	
Semifinalist team representative report for presentation/interview time	South Hall A
Saturday, July 1; 11:30 AM – 2:00 PM	
Semifinals – presentation/interviews	South Hall A
Saturday, July 1; 4:30 PM – 5:00 PM	
All entries MUST be picked up	South Hall A

Microcontroller Design – MS

Thursday, June 29; 7:30 AM – 8:30 AM	
Preliminary Round – check-in, submit entry, and sign-up for presentation time	M107
Thursday, June 29; 1:00 PM – 6:00 PM	
Preliminary Round – presentations	M107

Off the Grid – MS

Thursday, June 29; 3:00 PM – 5:00 PM	
Preliminary Round – check-in and submit entry	South Hall A
Saturday, July 1; 11:00 AM – 11:10 AM	
Semifinalist team representative report for presentation/interview time	South Hall A
Saturday, July 1; 11:30 AM – 2:00 PM	
Semifinals – presentation/interviews	South Hall A
Saturday, July 1; 4:30 PM – 5:00 PM	
All entries MUST be picked up	South Hall A

Prepared Speech – MS

Wednesday, June 28; 8:00 PM – 9:00 PM	
Preliminary Round – check-in and sign-up for heat time	L003
Friday, June 30; 1:00 PM – 5:00 PM	
Preliminary Round – report for heat room assignment	L001
Friday, June 30; 1:00 PM – 5:00 PM	
Preliminary Round – heat rooms	L001-L002-L003
Saturday, July 1; 12:00 PM – 12:10 PM	
Semifinalists report for speech time	L001
Saturday, July 1; 12:30 PM – 3:00 PM	
Semifinals – speeches	L001

Problem Solving – MS

Friday, June 30; 3:00 PM – 6:30 PM	
Preliminary Round – check-in, design solution, and evaluation	Ballroom C

Promotional Marketing – MS

Thursday, June 29; 1:00 PM – 1:30 PM	
Semifinalists set up	L024
Thursday, June 29; 1:30 PM – 4:30 PM	
Semifinals – on-site problem and evaluation	L024

STEM Animation – MS

Thursday, June 29; 1:00 PM – 1:10 PM	
Semifinalist team representative report for presentation time	L015
Thursday, June 29; 1:30 PM – 4:00 PM	
Semifinals – presentations	L015

Competitive Events Schedule – MS

Structural Engineering – MS

Thursday, June 29; 7:30 AM – 8:30 AM	
Preliminary Round – check-in and submit entry	M100
Friday, June 30; 11:00 AM – 2:30 PM	
Semifinals – on-site design and build	M100
Saturday, July 1; 1:00 PM – 2:30 PM	
Semifinals – destructive test	M100
Saturday, July 1; 4:00 PM – 4:30 PM	
All entries MUST be picked up	M100

System Control Technology – MS

Saturday, July 1; 11:00 AM – 12:00 PM	
Preliminary Round – check-in and set up	M107
Saturday, July 1; 12:00 PM – 12:15 PM	
Preliminary Round – problem analysis	M107
Saturday, July 1; 12:15 PM – 2:45 PM	
Preliminary Round – problem solving	M107
Saturday, July 1; 2:45 PM – 5:15 PM	
Preliminary Round – solution judging	M107
Saturday, July 1; 5:30 PM – 6:00 PM	
All entries MUST be picked up	M107

Tech Bowl – MS

Thursday, June 29; 11:00 AM – 12:30 PM	
Preliminary Round – written test	Ballroom C
Saturday, July 1; 2:00 PM – 5:00 PM	
Semifinals – holding room	L030
Saturday, July 1; 2:00 PM – 5:00 PM	
Semifinals – competition room	L016

Technical Design – MS

Thursday, June 29; 6:00 PM – 6:30 PM	
Preliminary Round – check-in and pick up on-site problem	M104
Friday, June 30; 6:00 PM – 6:30 PM	
Preliminary Round – submit solution	L029

VEX IQ – MS

Thursday, June 29; 12:00 PM – 7:00 PM	
Team Check-In, Inspection, Judging, Skills Matches	Marriott Ballroom
Friday, June 30; 11:30 AM – 2:30 PM	
Judging, Skills Matches	Marriott Ballroom
Friday, June 30; 3:00 PM – 3:30 PM	
Teamwork Finals, Top 10 IQ Teams	Marriott Ballroom

Video Game Design – MS

Saturday, July 1; 12:00 PM – 12:10 PM	
Semifinalist team representative report for interview time	M105
Saturday, July 1; 12:30 PM – 3:00 PM	
Semifinals – interviews	M105

Website Design – MS

Saturday, July 1; 1:00 PM – 1:10 PM	
Semifinalists team representative report for interview time	M106
Saturday, July 1; 1:30 PM – 4:00 PM	
Semifinals – interviews	M106

TEAMS* Event Schedule

All TEAMS* events take place in the Omni Hotel unless otherwise noted.

Friday, June 30, 2023

11:00 AM – 12:00 PM
TEAMS Orientation Omni Commonwealth 3

12:00 PM – 9:00 PM
Presentation Competition Various Locations

1:00 PM – 2:30 PM
Multiple Choice Exam, Session #1 Omni Commonwealth 5

3:00 PM – 4:30 PM
Multiple Choice Exam, Session #2 Omni Commonwealth 5

9:00 PM
Presentation Submission Deadline

Saturday, July 1, 2023

8:00 AM – 10:00 AM
Design/Build Challenge, Session #1 Omni Commonwealth 5

11:00 AM – 1:00 PM
Design/Build Challenge, Session #2 Omni Commonwealth 5

Sunday, July 2, 2023

8:00 AM – 11:00 AM
Awards Ceremony KICC North Hall D

**Tests of Engineering Aptitude, Mathematics, and Science*

Solar Sprint Event Schedule

All Solar Sprint events take place in the Kentucky International Convention Center (KICC) unless otherwise noted.

Thursday, June 29, 2023

11:00 AM – 12:00 PM
Preliminary Round – check-in and submit entries South Hall B

Friday, June 30, 2023

11:00 AM – 12:00 PM
Preliminary Round – practice runs South Hall B

12:00 PM – 3:00 PM
Junior Solar Sprint Preliminary Round – time trials South Hall B

1:00 PM – 3:00 PM
Junior Solar Sprint Preliminary Round – Focus Groups South Hall B

3:00 PM – 6:00 PM
Senior Solar Sprint Preliminary Round – time trials South Hall B

4:00 PM – 6:00 PM
Senior Solar Sprint Preliminary Round – Focus Groups South Hall B

Saturday, July 1, 2023

11:00 AM – 11:10 AM
Semifinalist team representative report for interview time South Hall B

11:30 AM – 1:00 PM
Semifinals – interviews South Hall B

1:30 PM – 3:30 PM
Junior Solar Sprint Semifinals – head-to-head races South Hall B

3:30 PM – 5:30 PM
Senior Solar Sprint Semifinals – head-to-head races South Hall B

5:30 PM – 6:00 PM
All entries MUST be picked up South Hall B

Sunday, July 2, 2023

8:00 AM – 11:00 AM
Awards Ceremony North Hall D

Program of Activities

All events take place in the Kentucky International Convention Center (KICC) unless otherwise noted.

Wednesday, June 28

3:00 PM – 4:00 PM

National TSA Officer Candidates Meeting North Hall D

5:00 PM – 5:45 PM

State Delegation Meetings Box Pickup L006

5:00 PM – 6:00 PM

Mandatory Coordinators Meeting L011

5:00 PM – 8:00 PM

Information Desk Open Market Street Pre-function

6:00 PM – 7:30 PM

State Delegation Meetings Various Locations

7:30 PM – 9:45 PM

Preliminary Round – check-in and submit entry

Dragster – MS North Hall C

Dragster Design – HS North Hall C

8:00 PM – 9:00 PM

Preliminary Round – check-in and sign-up for setup time

Animatronics – HS M101

Preliminary Round – check-in and sign-up for heat time

Challenging Technology Issues – MS L001

Extemporaneous Speech – HS M102

Leadership Strategies – MS L002

Prepared Presentation – HS M105

Prepared Speech – MS L003

Preliminary Round – check-in and sign up for presentation/interview time

Software Development – HS M106

8:00 PM – 9:45 PM

Preliminary Round – check-in and submit entry

Children's Stories – HS L027

Children's Stories – MS L028

Promotional Design – HS L029

Virtual Reality Visualization (VR) – HS L025

Preliminary Round – check-in, submit materials, and sign up for onsite challenge time

Drone Challenge (UAV) – HS Ballroom A

10:00 PM

CURFEW

Thursday, June 29

7:15 AM – 8:45 AM

State Flag Representatives Meeting North Hall D

7:30 AM – 8:30 AM

Preliminary Round – check-in and submit entry

Fashion Design and Technology – HS M111

Structural Design and Engineering – HS M103

Structural Engineering – MS M100

Preliminary Round – check-in, submit entry, and sign-up for presentation time

Microcontroller Design – MS M107

8:00 AM – 5:00 PM

Information Desk Open Market Street Pre-function

9:00 AM – 11:00 AM

Opening General Session (General Session I) North Hall D

11:00 AM

Preliminary Round – list is posted of the 24 teams to submit model

Architectural Design – HS Website/App/Display Board

Preliminary Round – list is posted of the 24 teams to sign up for presentation time

Data Science and Analytics – HS Website/App/Display Board

Preliminary Round – list is posted of the 24 teams to submit the visual infographic map

Geospatial Technology – HS Website/App/Display Board

11:00 AM – 11:15 AM

Preliminary Round – team orientation meeting

Drone Challenge (UAV) – HS Ballroom A

11:00 AM – 11:30 AM

Semifinals – receive semifinal problem and sign up for presentation/interview time

Photographic Technology – HS L016

Program of Activities

Thursday, June 29

11:00 AM – 12:00 PM

TSA Pin Exchange Market Street Pre-function

Preliminary Round – check-in and submit entries

Junior Solar Sprint – MS South Hall B

Senior Solar Sprint – HS South Hall B

Preliminary Round – check-in and sign-up for preliminary testing time

Flight – MS South Hall B

Preliminary Round – check-in, receive the subtopic, and sign up for debate time

Debating Technological Issues – HS M104

11:30 AM – 12:30 PM

Advisor Update Meeting Ballroom D

Preliminary Round – written test

Coding – HS Ballroom E

Tech Bowl – MS Ballroom C

11:30 AM – 6:00 PM

Preliminary Round – time trials

Drone Challenge (UAV) – HS Ballroom A

12:00 PM – 12:30 PM

Preliminary Round – check-in and set up

Computer-Aided Design (CAD), Architecture – HS M112

12:00 PM – 7:00 PM

Team Check-In, Inspection, Judging, Skills Matches

VEX IQ – MS Marriott Ballroom

Team Check-In, Inspection, Skills Matches

VEX VRC – HS Marriott Ballroom

12:30 PM – 1:30 PM

Kent Julian Leadership Training – High School Members

“Signature Moves (Understanding Your Greatest Strengths – and the Strengths of Those Around You)” L004

12:30 PM – 2:30 PM

State Advisor Forum Boardroom B

12:30 PM – 4:00 PM

Preliminary Round – testing

Flight – MS South Hall B

12:30 PM – 5:00 PM

Preliminary Round – on-site performance

Computer-Aided Design (CAD), Architecture – HS M112

1:00 PM – 1:10 PM

Semifinalist team representative report for interview time

Audio Podcasting – HS L022

Community Service Video – MS L029

Semifinalist team representative report for presentation time

STEM Animation – MS L015

1:00 PM – 1:30 PM

Semifinalists set up

Promotional Marketing – MS L024

1:00 PM – 2:00 PM

State Presidents Meeting L019

Special Interest Session

“Strategies for Keeping Members Engaged in TSA” L014

1:00 PM – 2:30 PM

Preliminary Round – written test

Chapter Team – MS Ballroom C

Forensic Science – HS Ballroom E

1:00 PM – 5:00 PM

Preliminary Round – teams report for heat room assignment

Debating Technological Issues – HS L021

Preliminary Round – preparation room and heat room assignment

Extemporaneous Speech – HS M105

Leadership Strategies – MS L026

Preliminary Round – heat rooms

Debating Technological Issues – HS L017-L018-L020

Extemporaneous Speech – HS M106-M115-M116

Leadership Strategies – MS L025-L027-L028

Preliminary Round – presentation holding room

Prepared Presentation – HS L001

Preliminary Round – presentation room

Prepared Presentation – HS L001-L002-L003

1:00 PM – 6:00 PM

Preliminary Round – presentations

Microcontroller Design – MS M107

1:30 PM – 1:40 PM

Preliminary team representative report for presentation time

Data Science and Analytics – HS M101

1:30 PM – 2:00 PM

Preliminary Round – check-in and submit entry

Geospatial Technology – HS L013

Program of Activities

Thursday, June 29

1:30 PM – 4:00 PM

Semifinals – interviews

Audio Podcasting – HS L022

Community Service Video – MS L029

Semifinals – presentations

STEM Animation – MS L015

1:30 PM – 4:30 PM

Semifinals – on-site problem and evaluation

Promotional Marketing – MS L024

1:30 PM – 5:30 PM

Preliminary Round – time trials

Dragster – MS North Hall C

Dragster Design – HS North Hall C

2:00 PM – 2:30 PM

State Officers Network Session L019

2:00 PM – 3:00 PM

Kent Julian Leadership Training – Advisors

“Signature Moves (Understanding Your Greatest Strengths – and the Strengths of Those Around You)” L004

2:00 PM – 6:30 PM

Preliminary Round – scientific poster presentations

Data Science and Analytics – HS M101

2:30 PM – 3:30 PM

Special Interest Session

“Developing and Achieving Personal TSA Goals” L014

3:00 PM – 4:30 PM

Preliminary Round – written test

Chapter Team – HS Ballroom C

Coding – MS Ballroom E

3:00 PM – 5:00 PM

Preliminary Round – check-in and submit entry

Biotechnology – MS South Hall A

Construction Challenge – MS South Hall A

Data Science and Analytics – MS South Hall A

Inventions and Innovations – MS South Hall A

Mass Production – MS South Hall A

Medical Technology – MS South Hall A

Off the Grid – MS South Hall A

3:30 PM – 4:30 PM

Kent Julian Leadership Training – Middle School Members

“Signature Moves (Understanding Your Greatest Strengths – and the Strengths of Those Around You)” L004

4:00 PM – 5:00 PM

Special Interest Session

“Engaging Students in Robotics” L014

4:00 PM – 6:00 PM

Preliminary Round – check-in and submit entry

Architectural Design – HS South Hall A

Biotechnology Design – HS South Hall A

Board Game Design – HS South Hall A

Engineering Design – HS South Hall A

Manufacturing Prototype – HS South Hall A

Transportation Modeling – HS South Hall A

5:00 PM – 6:00 PM

TSA Region 1-5 Meeting (State Officers only)

• Region 1 (CT, DE, DC, ME, MD, MA, NH, NJ, NY, PA, RI, VT) M102

• Region 2 (AL, FL, GA, LA, MS, NC, SC, TN) M114

• Region 3 (IL, IN, KY, MI, OH, VA, WV, WI) M113

• Region 4 (AR, IA, KS, MN, MO, NE, ND, OK, SD) M109

• Region 5 (AK, AZ, CA, CO, HI, ID, MT, NV, NM, OR, TX, UT, WA, WY) M110

5:00 PM – 6:30 PM

Preliminary Round – evaluation and interviews

Computer-Aided Design (CAD), Architecture – HS M112

Preliminary Round – written test

Forensic Technology – MS Ballroom E

Technology Bowl – HS Ballroom C

6:00 PM – 6:30 PM

Preliminary Round – check-in and pick up on-site problem

Technical Design – MS M104

6:00 PM – 9:30 PM

State Delegation Meetings Various Locations

7:00 PM – 7:30 PM

All entries MUST be picked up

Fashion Design and Technology – HS M111

Preliminary Round – check-in and team representative meeting to receive the on-site challenge

On Demand Video – HS Ballroom D

10:00 PM

CURFEW

Program of Activities

Friday, June 30

8:00 AM – 5:00 PM

Information Desk Open Market Street Pre-function

9:00 AM – 11:00 AM

Recognition Assembly (General Session II) North Hall D

11:00 AM – 11:10 AM

Semifinalists report for interview time
 Dragster – MS North Hall C
 Dragster Design – HS North Hall C

11:00 AM – 11:30 AM

Semifinals – solution submission
 Photographic Technology – HS L016

11:00 AM – 11:45 AM

Preliminary Round – check-in, submit entry for impound, and sign up for flight time
 Flight Endurance – HS South Hall B

11:00 AM – 12:00 PM

TEAMS* Orientation Meeting Omni Commonwealth 3
 TSA Pin Exchange Market Street Pre-function

Preliminary Round – practice runs

Junior Solar Sprint – MS South Hall B
 Senior Solar Sprint – HS South Hall B

Preliminary Round – check-in and sign-up for a performance time slot

Mechanical Engineering – MS M104

11:00 AM – 12:30 PM

Preliminary round – written test
 Cybersecurity – MS Ballroom E

11:00 AM – 2:30 PM

Semifinals – on-site design and build
 Structural Design and Engineering – HS M103
 Structural Engineering – MS M100

Preliminary Round – Check-in, design solution, and evaluation

Technology Problem Solving – HS Ballroom C

11:00 AM – 6:00 PM

Preliminary Round – set-up entry, presentation/ interview, and entry removal
 Animatronics – HS M110

11:15 AM – 12:45 PM

Semifinalists interviews (Top 16 cars)
 Dragster – MS North Hall C
 Dragster Design – HS North Hall C

11:30 AM – 12:00 PM

Preliminary Round – check-in and orientation/set up
 Computer-Aided Design (CAD) Foundations – MS M108

11:30 AM – 12:30 PM

Advisor Update Meeting Ballroom D

11:30 AM – 1:30 PM

Preliminary Round – detailed outline
 Essays on Technology – MS M107

11:30 AM – 2:30 PM

Judging, Skills Matches
 VEX IQ – MS Marriott Ballroom

11:30 AM – 7:00 PM

Judging, Skills Matches
 VEX VRC – HS Marriott Ballroom

11:45 AM – 12:00 PM

Preliminary Round – pilot's meeting
 Flight Endurance – HS South Hall B

12:00 PM – 12:10 PM

Semifinalists report for presentation time
 Future Technology and Engineering Teacher – HS M113

Semifinalist team representative report for interview time

Digital Video Production – HS M114
 Music Production – HS L022

12:00 PM – 12:30 PM

Preliminary Round – check-in and set up
 Computer-Aided Design (CAD), Engineering – HS M112

Semifinalists set up

Promotional Design – HS Boardroom B

12:00 PM – 1:00 PM

Special Interest Session
 “How to Be Involved with the American Cancer Society (ACS)” L014

12:00 PM – 2:00 PM

Preliminary Round – solution development
 Computer-Aided Design (CAD) Foundations – MS M108

Program of Activities

Friday, June 30

12:00 PM – 3:00 PM

Preliminary Round – time trials
Junior Solar Sprint – MS South Hall B

12:00 PM – 6:00 PM

Preliminary Round – trim & fly, time trials
Flight Endurance – HS South Hall B

12:30 PM – 12:40 PM

Semifinalists report for interview time
Career Prep – MS Boardroom C

Semifinalist team representative report for interview time
Children’s Stories – HS L024
Video Game Design – HS L021
Webmaster – HS L029

Semifinalist team representative report for onsite analysis time
Forensic Science – HS M101

Semifinalist team representative report for presentation/interview time
Geospatial Technology – HS L013

12:30 PM – 1:30 PM

Kent Julian Leadership Training – Middle School Members
“Heroic Leadership — It’s Not What You Think” L004

12:30 PM – 2:30 PM

Semifinals – interviews
Digital Video Production – HS M114

12:30 PM – 3:00 PM

Semifinals – interviews
Music Production – HS L022

12:30 PM – 3:30 PM

Semifinals – lesson plan presentation and interviews
Future Technology and Engineering Teacher – HS M113

Semifinals – on-site challenge
Promotional Design – HS Boardroom B

12:30 PM – 5:00 PM

Preliminary Round – on-site performance
Computer-Aided Design (CAD), Engineering – HS M112

1:00 PM – 1:10 PM

Semifinalist team representative report for debate time
Debating Technological Issues – HS M016

Semifinalists report for speech time
Extemporaneous Speech – HS M105

1:00 PM – 2:30 PM

TEAMS* – Exam – Session #1 Omni Commonwealth 5

Preliminary Round – written test
Electrical Applications – MS Ballroom E

1:00 PM – 3:00 PM

Semifinals – head-to-head double elimination bracket
Dragster – MS North Hall C

Preliminary Round – Focus Groups
Junior Solar Sprint – MS South Hall B

1:00 PM – 3:30 PM

Semifinals – interviews
Career Prep – MS Boardroom C
Video Game Design – HS L021
Webmaster – HS L029

Semifinals – presentation/interviews
Geospatial Technology – HS L013

1:00 PM – 4:00 PM

Semifinals – construction, time trials, and evaluation
Flight – MS South Hall B

1:00 PM – 5:00 PM

TSA Meet and Greet South Pre-function Upper Concourse

Preliminary Round – report for heat room assignment
Prepared Speech – MS L001

Preliminary Round – heats prep room and heat room assignment
Challenging Technology Issues – MS L026

Preliminary Round – preparation room and heat room assignment
Software Development – HS L017

Preliminary Round – heat rooms
Challenging Technology Issues – MS L025-L027-L028
Prepared Speech – MS L001-L002-L003
Software Development – HS L017-L018-L020

Semifinals – reading the story/interviews
Children’s Stories – HS L024

Semifinals – on-site challenge
Coding – HS L015

1:00 PM – 5:30 PM

Semifinals – on-site challenge written analysis room
Forensic Science – HS M101

Semifinals – on-site challenge room
Forensic Science – HS M102

Program of Activities

Friday, June 30

1:30 PM – 4:00 PM

Semifinals – holding and preparation room
Debating Technological Issues – HS M016

Semifinals – preparation room
Extemporaneous Speech – HS M105

Semifinals – debate room
Debating Technological Issues – HS M015

Semifinals – presentation room
Extemporaneous Speech – HS M106

2:00 PM – 3:00 PM

Preliminary Round – evaluation
Computer-Aided Design (CAD) Foundations – MS M108

2:00 PM – 5:00 PM
Preliminary Round – solution testing and interviews
Mechanical Engineering – MS M104

2:30 PM – 3:30 PM
Special Interest Session
“Building a Winning Junior Solar Sprint (JSS) Car” L014

2:30 PM – 5:00 PM
Preliminary Round – check-in and essay writing
Essays on Technology – HS M107

3:00 PM – 3:30 PM
Teamwork Finals, Top 10 IQ Teams
VEX IQ – MS Marriott Ballroom

3:00 PM – 4:30 PM
TEAMS* – Exam – Session #2 Omni Commonwealth 5

Preliminary Round – written test
Foundations of Information Technology (FIT) – MS Ballroom E

3:00 PM – 5:00 PM
Semifinals – head-to-head double elimination bracket
Dragster Design – HS North Hall C

3:00 PM – 6:00 PM
Preliminary Round – time trials
Senior Solar Sprint – HS South Hall B

Semifinals – holding room
Technology Bowl – HS L030

Semifinals – competition room
Technology Bowl – HS L016

3:00 PM – 6:30 PM
Preliminary Round – check-in, design solution, and evaluation
Problem Solving – MS Ballroom C

3:30 PM – 4:30 PM
Kent Julian Leadership Training – High School Members
“Heroic Leadership — It's Not What You Think” L004

4:00 PM – 5:00 PM
Special Interest Session
“The Committee Craze?” L014

4:00 PM – 6:00 PM
Preliminary Round – Focus Groups
Senior Solar Sprint – HS South Hall B

5:00 PM – 5:10 PM
Semifinalist team representative report for presentation time
Chapter Team – HS L022
Chapter Team – MS L021

5:00 PM – 5:30 PM
All entries MUST be picked up
Geospatial Technology – HS L013

5:00 PM – 6:30 PM
Preliminary Round – evaluation and interviews
Computer-Aided Design (CAD), Engineering – HS M112

5:30 PM – 6:00 PM
All entries MUST be picked up
Dragster – MS North Hall C
Dragster Design – HS North Hall C

6:00 PM – 6:30 PM
All entries MUST be picked up
Flight – MS South Hall B

Preliminary Round – submit solution
Technical Design – MS L029

6:00 PM – 9:30 PM
State Delegation Meetings Various Locations

10:00 PM
CURFEW

Program of Activities

Saturday, July 1

7:00 AM – 7:30 AM

Voting Delegate Seating North Hall D

Preliminary Round – submit entry by 36 hour deadline

On Demand Video – HS Online submission

8:00 AM – 10:00 AM

TEAMS* – Design/Build – Session #1 Omni Commonwealth 5

8:00 AM – 5:00 PM

Information Desk Open Market Street Pre-function

9:00 AM – 11:00 AM

Annual Business Meeting (General Session III) North Hall D

11:00 AM – 11:10 AM

Semifinalists report for interview time

Transportation Modeling – HS South Hall A

Semifinalist team representative report for interview time

Junior Solar Sprint – MS South Hall B

Senior Solar Sprint – HS South Hall B

Semifinalist team representative report for presentation/interview time

Architectural Design – HS South Hall A

Biotechnology – MS South Hall A

Biotechnology Design – HS South Hall A

Board Game Design – HS South Hall A

Construction Challenge – MS South Hall A

Engineering Design – HS South Hall A

Inventions and Innovations – MS South Hall A

Mass Production – MS South Hall A

Medical Technology – MS South Hall A

Off the Grid – MS South Hall A

Semifinalist team representative report for demonstration/sales pitch time

Manufacturing Prototype – HS South Hall A

11:00 AM – 11:30 AM

Semifinalists set up

Digital Photography – MS M112

11:00 AM – 12:00 PM

TSA Pin Exchange Market Street Pre-function

Preliminary Round – Phase #1: Check-in and the team captain completes set-up

System Control Technology – HS M108

Preliminary Round – check-in and set up

System Control Technology – MS M107

11:00 AM – 1:00 PM

TEAMS* – Design/Build – Session #2 Omni Commonwealth 5

11:30 AM – 12:30 PM

Advisor Update Meeting Ballroom D

11:30 AM – 1:00 PM

Semifinals – interviews

Junior Solar Sprint – MS South Hall B

Senior Solar Sprint – HS South Hall B

11:30 AM – 1:30 PM

Semifinals – essays

Essays on Technology – MS M102

11:30 AM – 2:00 PM

Semifinals – on-site problem

Data Science and Analytics – HS M115

Semifinals – demonstration/sales pitch

Manufacturing Prototype – HS South Hall A

Semifinals – demonstration/interviews

Board Game Design – HS South Hall A

Semifinals – interviews

Transportation Modeling – HS South Hall A

Semifinals – presentation/interviews

Architectural Design – HS South Hall A

Biotechnology – MS South Hall A

Biotechnology Design – HS South Hall A

Construction Challenge – MS South Hall A

Engineering Design – HS South Hall A

Inventions and Innovations – MS South Hall A

Mass Production – MS South Hall A

Medical Technology – MS South Hall A

Off the Grid – MS South Hall A

11:30 AM – 2:30 PM

Semifinals – on-site challenge

Digital Photography – MS M112

11:30 AM – 3:00 PM

Judging, Skills Matches

STOPPING TIME IS 3:00 PM

VEX VRC – HS Marriott Ballroom

Program of Activities

Saturday, July 1

12:00 PM – 12:10 PM

Semifinalists report for speech time

Prepared Speech – MS L001

Semifinalist team representative report for on-site challenge time

Data Science and Analytics – MS L002

Semifinalist team representative report for presentation time

Challenging Technology Issues – MS L027

Children's Stories – MS M110

Cybersecurity – MS M114

Forensic Technology – MS L021

Leadership Strategies – MS L024

Semifinalist team representative report for interview time

Video Game Design – MS M105

Virtual Reality Visualization (VR) – HS M101

12:00 PM – 12:15 PM

Preliminary Round – Phase #2: Problem analysis

System Control Technology – HS M108

Preliminary Round – problem analysis

System Control Technology – MS M107

12:00 PM – 1:00 PM

Special Interest Session

“LifeSmarts – A Consumer Education Program for Students” L004

12:00 PM – 4:00 PM

Semifinals – presentation room

Chapter Team – HS L018

Chapter Team – MS L017

Semifinals – chapter minutes

Chapter Team – HS L022

Chapter Team – MS L022

Semifinals – on-site programming challenge

Coding – MS M113

12:00 PM – 4:30 PM

Semifinals – on-site problem and interviews

Electrical Applications – MS L015

12:15 PM – 2:45 PM

Preliminary Round – Phase #3:

Model development and programming

System Control Technology – HS M108

Preliminary Round – problem solving

System Control Technology – MS M107

12:30 PM – 12:40 PM

Semifinalists report for presentation time

Prepared Presentation – HS L029

Semifinalist team representative report for interview time

Drone Challenge (UAV) – HS M116

Semifinalist team representative report for presentation/interview time

Fashion Design and Technology – HS M109

Semifinalist team representative report for presentation time

Software Development – HS L020

12:30 PM – 2:30 PM

TSA, Inc. Corporate Board Annual Meeting L013

12:30 PM – 3:00 PM

Semifinals – preparation room

Challenging Technology Issues – MS L027

Leadership Strategies – MS L024

Semifinals – presentation room

Challenging Technology Issues – MS L028

Leadership Strategies – MS L025

Semifinals – speeches

Prepared Speech – MS L001

Semifinals – interviews

Video Game Design – MS M105

Semifinals – presentation/interviews

Virtual Reality Visualization (VR) – HS M101

12:30 PM – 3:30 PM

Semifinals – presentations

Children's Stories – MS M110

Cybersecurity – MS M114

Semifinals – on-site challenge preparation room

Data Science and Analytics – MS L002

Semifinals – on-site challenge presentation room

Data Science and Analytics – MS L003

Semifinals – presentations

Forensic Technology – MS L021

1:00 PM – 1:10 PM

Semifinalists team representative report for interview time

Website Design – MS M106

1:00 PM – 1:45 PM

CRC/Students Forum L026

Program of Activities

Saturday, July 1

1:00 PM – 2:00 PM			
Special Interest Session			
“A Model for TSA State Officer Mentoring”	L014		
1:00 PM – 2:30 PM			
Semifinals – destructive test			
Structural Design and Engineering – HS	M103		
Structural Engineering – MS	M100		
1:00 PM – 3:30 PM			
Semifinals – interviews			
Drone Challenge (UAV) – HS	M116		
Semifinals – presentations			
Prepared Presentation – HS	L029		
Software Development – HS	L020		
Semifinals – presentation/interviews			
Fashion Design and Technology – HS	M109		
Photographic Technology – HS	Boardroom B		
1:30 PM – 2:30 PM			
Special Interest Session			
“A STEM Research Program: Junior Science and Humanities Symposium (JSHS)”	L004		
1:30 PM – 3:30 PM			
Semifinals – head-to-head races			
Junior Solar Sprint – MS	South Hall B		
1:30 PM – 4:00 PM			
Semifinals – interviews			
Website Design – MS	M106		
1:45 PM – 2:30 PM			
CRC/Advisors Forum	L026		
2:00 PM – 5:00 PM			
Semifinals – holding room			
Tech Bowl – MS	L030		
Semifinals – competition room			
Tech Bowl – MS	L016		
2:30 PM – 3:30 PM			
TSA, Inc. Board of Directors Meeting (new board)	L019		
Special Interest Session			
“Keeping Members Engaged at TSA Conferences”	L014		
2:30 PM – 4:30 PM			
Semifinals – interviews			
Digital Photography – MS	M112		
2:45 PM – 5:15 PM			
Preliminary Round – solution judging			
System Control Technology – MS	M107		
Preliminary Round – solution judging and interviews			
System Control Technology – HS	M108		
3:00 PM – 3:45 PM			
Special Interest Session			
“Middle School Guide Overview 2024-2025”	L004		
3:00 PM – 4:00 PM			
All entries MUST be picked up			
Flight Endurance – HS	South Hall B		
3:15 PM – 4:30 PM			
VRC Elimination Rounds			
VEXVRC – HS	Marriott Ballroom		
3:30 PM – 5:30 PM			
Semifinals – head-to-head races			
Senior Solar Sprint – HS	South Hall B		
4:00 PM – 4:30 PM			
All entries MUST be picked up			
Mechanical Engineering – MS	M104		
Structural Design and Engineering – HS	M103		
Structural Engineering – MS	M100		
4:30 PM – 5:00 PM			
All entries MUST be picked up			
Architectural Design – HS	South Hall A		
Biotechnology – MS	South Hall A		
Biotechnology Design – HS	South Hall A		
Board Game Design – HS	South Hall A		
Children’s Stories – HS	South Hall A		
Children’s Stories – MS	South Hall A		
Construction Challenge – MS	South Hall A		
Data Science and Analytics – MS	South Hall A		
Engineering Design – HS	South Hall A		
Inventions and Innovations – MS	South Hall A		
Manufacturing Prototype – HS	South Hall A		
Mass Production – MS	South Hall A		
Medical Technology – MS	South Hall A		
Off the Grid – MS	South Hall A		
Transportation Modeling – HS	South Hall A		

Program of Activities

Saturday, July 1

5:30 PM – 6:00 PM

All entries **MUST** be picked up

Junior Solar Sprint – MS South Hall B

Senior Solar Sprint – HS South Hall B

System Control Technology – HS M108

System Control Technology – MS M107

6:00 PM – 9:30 PM

State Delegation Meetings Various Locations

10:00 PM

CURFEW

Sunday, July 2

8:00 AM – 11:00 AM

Awards Ceremony (General Session IV) North Hall D

11:00 AM – 12:00 PM

National TSA Officers Meeting (new officers) Boardroom B

Spectator Events – HS/MS

All events take place in the Kentucky International Convention Center (KICC) unless otherwise noted.

The events listed below allow spectators at the date, time, and location noted. Spectators must observe “audience” guidelines set down by the event coordinator, and — at all times — must be respectful of individuals/teams participating in an event. The viewing of display (static) entries will be closed to all conference attendees for security reasons and in order to preserve the intellectual property rights of TSA’s contestants.

Thursday, June 29

11:30 AM – 6:00 PM

Drone Challenge (UAV) – HS

Preliminary Round – time trials Ballroom A

12:00 PM – 7:00 PM

VEX IQ – MS

Team Check-In, Inspection, Judging, Skills Matches Marriott Ballroom

12:00 PM – 7:00 PM

VEX VRC – HS

Team Check-In, Inspection, Judging, Skills Matches Marriott Ballroom

12:30 PM – 4:00 PM

Flight – MS

Preliminary Round – testing South Hall B

1:30 PM – 5:30 PM

Dragster Design – HS

Preliminary Round – time trials North Hall C

Dragster – MS

Preliminary Round – time trials North Hall C

12:00 PM – 6:00 PM

Flight Endurance – HS

Preliminary Round – trim & fly, time trials South Hall B

1:00 PM – 3:00 PM

Dragster – MS

Semifinals – head-to-head double elimination bracket North Hall C

1:00 PM – 4:00 PM

Flight – MS

Semifinals – construction, time trials, and evaluation South Hall B

1:30 PM – 4:00 PM

Debating Technological Issues – HS

Semifinals – debate room M015

2:00 PM – 5:00 PM

Mechanical Engineering – MS

Preliminary Round – solution testing and interviews M104

3:00 PM – 3:30 PM

VEX IQ – MS

Teamwork Finals, Top 10 IQ Teams Marriott Ballroom

3:00 PM – 5:00 PM

Dragster Design – HS

Semifinals – head-to-head double elimination bracket North Hall C

3:00 PM – 6:00 PM

Senior Solar Sprint – HS

Preliminary Round – time trials South Hall B

Technology Bowl – HS

Semifinals – competition room L016

3:00 PM – 6:30 PM

Problem Solving – MS

Design Solution Ballroom C

Friday, June 30

11:00 AM – 2:30 PM

Technology Problem Solving – HS

Design/Solution Ballroom C

11:30 AM – 2:30 PM

VEX IQ – MS

Judging, Skills Matches Marriott Ballroom

11:30 AM – 7:00 PM

VEX VRC – HS

Judging, Skills Matches Marriott Ballroom

12:00 PM – 3:00 PM

Junior Solar Sprint – MS

Preliminary Round – time trials South Hall B

Spectator Events – HS/MS

Saturday, July 1

11:30 AM – 3:00 PM

VEX VRC – HS

Judging, Skills Matches Marriott Ballroom

12:30 PM – 3:00 PM

Prepared Speech – MS

Semifinals – speeches L001

1:00 PM – 2:30 PM

Structural Design and Engineering – HS

Semifinals – destructive test M103

Structural Engineering – MS

Semifinals – destructive test M100

1:00 PM – 3:30 PM

Prepared Presentation – HS

Semifinals – presentations L029

1:30 PM – 3:30 PM

Junior Solar Sprint – MS

Semifinals – head-to-head races South Hall B

1:30 PM – 4:00 PM

Extemporaneous Speech – HS

Semifinals – presentation room M106

2:00 PM – 5:00 PM

Tech Bowl – MS

Semifinals – competition room L016

3:15 PM – 4:30 PM

VEX VRC – HS

VRC Elimination Rounds Marriott Ballroom

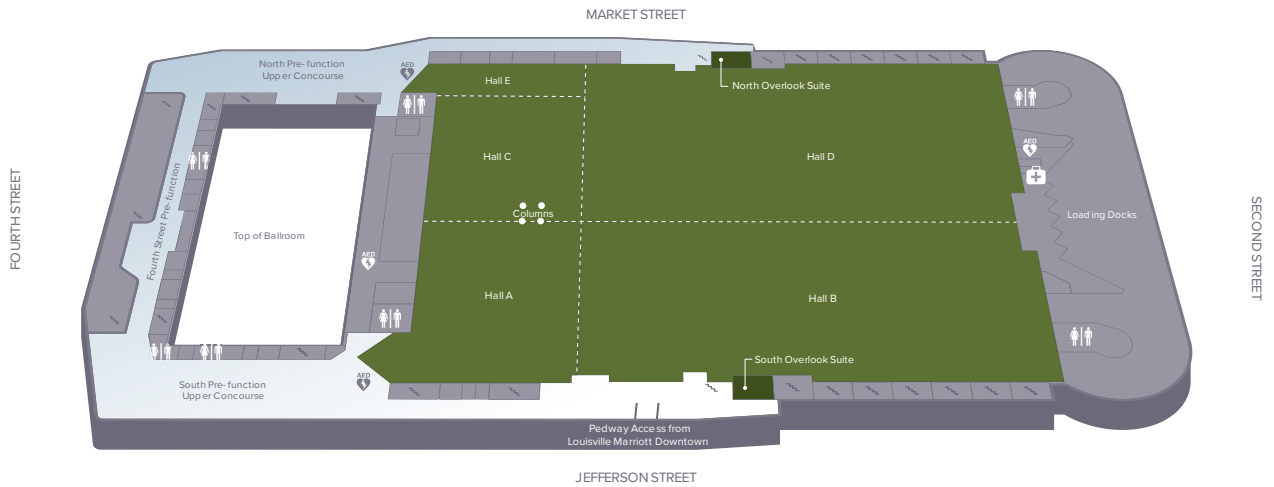
3:30 PM – 5:30 PM

Senior Solar Sprint – HS

Semifinals – head-to-head races South Hall B

KICC Floor Plans

UPPER CONCOURSE



MAIN CONCOURSE



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Make it powerful.
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June 26 – 30, 2024

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The Rosen Shingle Creek is nestled on a 230-acre site along Shingle Creek, just 10 minutes away from the Orlando International Airport. The resort location is a short distance to a variety of Orlando’s best attractions, restaurants, shopping and entertainment venues.

The 2024 National TSA Conference is June 26th – June 30th. In between, TSA members can take advantage of leadership opportunities, participate in competitive events, network with fellow TSA members, and build memories that will last a lifetime. Start making plans now to visit Orlando, Florida for the 2024 National TSA Conference for an “Evolution of Excellence!”