The TSA Motto

Learning to lead in a technical world.

The TSA Creed

I believe that Technology Education holds an important place in my life in the technical world. I believe there is a need for the development of good attitudes concerning work, tools, materials, experimentation, and processes of industry.

Guided by my teachers, artisans from industry, and my own initiative, I will strive to do my best in making my school, community, state, and nation a better place in which to live.

I will accept the responsibilities that are mine. I will accept the theories that are supported by proper evidence. I will explore on my own for safer, more effective methods of working and living.

I will strive to develop a cooperative attitude and will exercise tact and respect for individuals. Through the work of my hands and mind, I will express my ideas to the best of my ability.

I will make it my goal to do better each day the task before me, and to be steadfast in my belief in my God, and my fellow Americans.

PENNSYLVANIA TSA
Tune Into
TECHNOLOGY
2025

April 23 - 26, 2025
Seven Springs, PA

Table of Contents

Program by Events

Program by Day

If you take the stairs by the Grand Ballroom, you will find the following rooms:

Bowling
Chestnut
Dogwood
Evergreen
Fox Den
Hemlock
Laurel
Seasons #1-4
Ski Lodge
Sunburst
Timberstone
Wintergreen

If you take the stairs by Slopeside Dining, you will find the following rooms:

Alpine
Golf
Matterhorn
Pool

Printer Station

Forget to print that last cover page? Need to reprint your table of contents? Stop by and see the State Officers in Stag Pass. They will have a printer station available to help with your last minute, on-site printing needs. Pages will be printed for a small donation; all proceeds go to the American Cancer Society.

Hours:
Wednesday 3:00 PM - 9:00 PM
Thursday 10:00 AM - 9:00 PM
Friday 9:00 AM - 4:00 PM

Test Sessions

- All testing will be done electronically for all events that have a testing component.
- Testing will be open from 5-9 PM on Wednesday night and 9:30-11:00 AM on Thursday.
- For team events, all members of the team must take the test at the same time.
- Participants must be in Dress Code C or better for the test portion of the event.
- There will be NO make-up test sessions for conflicts.
- All testing will take place in the Sunburst and Snowflake rooms.
- As testing is electronic, participants will NOT need to bring #2 pencils.

The Technology & Engineering Association of PA (TEEAP) is proud to sponsor the Future Technology & Engineering Teacher event at this year's state conference by providing a monetary award to those students who earn first, second and third place.

TEEAP wishes luck to the top three students as they move to the national level.

2023 - 2024 PA TSA State Officers

President	William Reisner
Vice-President	Boyi Chen
Secretary	Harper House
Treasurer	McKenna Smith
Reporter	Ava Carmichael
Sergeant-At-Arms	Narayani Sakthinathan
Historian	Haley Mosorjak
Parliamentarian	Anvita Kallam
Past President	Charlize Amper

President's Welcome

On behalf of the 47th State Officer Team, it's my honor to welcome you to the 2025 Pennsylvania TSA State Conference. Our delegation is an incredibly strong group of members, advisors and parents who are prepared to lead the way in technological advancement, making the theme *Tune Into Technology* fit so perfectly for our conference. TSA members demonstrate an extraordinary level of dedication and resilence as future leaders of the technical world. These next four days will be a display of everything our membership is capable of. I encourage you to make an impact and leave your own legacy on PA-TSA. Make new friends from a different region, check out some of our special interest sessions, or support the American Cancer Society through one of our state-level fundraisers. Our conference truly offers a way for everyone to make lasting memories. Don't hesitate to come up and talk to any of the state officers with any questions you have, or just to chat. Good luck on your events and let the conference begin!

-Will Reisner

Dr. Thomas R. Winters
Distinguished Service Award

1992	Dr. Tom Winters
1993	John Bratton
	Alan Klaich
1994	John Brown
1996	Dr. William Skelly
	Dr. Nevin Andre
1998	Don Simpson
2000	Charles Knowlden
2001	Tim Costanza
2002	Wayne McConahy
2004	Terry Schwalm
2005	Jeff Seamans
2006	Charlie Kirchner
2007	Mike Amrhein
2008	Craig Jarrett
2009	Chris Roth
2010	Richard Penepacker
2011	Michael Flowers
2012	Dennis DeAngelis
2014	Robert Rudolph
2015	Lauren Lapinski
2017	Judy Hawthorn
2018	Chris Weaver
2022	Cindy Lapinski

Conference Exhibitors

Allegheny Educational Systems
Millersville University
Pennsylvania College of Technology

PA-TSA Dress Code

- Guidelines listed below are for all students and advisors.
- Required dress code category will be listed with each event in the conference program.
- I.D. Tags must be worn at all times by students, advisors and guests.
- Items never permitted: hats (any type), weapons of any type (utility knives and x-acto knives must be used under adult supervision), any tobacco products, matches or lighters, and any controlled substance (alcohol or drugs).
- Students are permitted to dress more formally than listed; dressing less formally than specified will result in a rules violation.
- **Failure to meet the guidelines will result in a rules violation.**

Category A - Official TSA Attire
- Blazer: navy blue with official TSA patch
- Ties: scarlet red imprinted with official TSA logo (for males; females may opt to wear the tie but are not required to do so)
- Shirt or blouse: white, button-up with turn down collar or official blue TSA dress shirt/blouse
- Pants or knee length skirt: gray (unacceptable: yoga pants or tights worn as pants, jeans, jeggings, baggy pants, exterior pocket pants, shorts)
- Socks: black or dark blue
- Shoes: black dress shoes, open-toe or dress sandals are permitted (unacceptable: athletic shoes, flip flops, military boots, or work boots)

Category B - Professional TSA Attire
- Collared dress shirt with tie; dress slacks (unacceptable: polo shirt, jeans or shorts)
- Dress or dress blouse; dress slacks or knee length skirt (unacceptable: jeans or shorts, yoga pants or tights worn as pants, jeggings, baggy pants, exterior pocket pants)
- Shoes: best possible

Category C - Business Casual TSA Attire
- Shirt: TSA t-shirt or collared shirt
- Pants: dress slacks, skirt or dress jeans (unacceptable: shorts)
- Shoes: best possible

Category D - Casual Personal Time
- Casual dress permitted
- Sneaker or some type of shoe
- Unacceptable: tank tops, poor taste t-shirts

Conference Results

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

Past Presidents

Year	President
1977 - 78	Joe Gerz (Conestoga Valley)
1978 - 79	Kelly Kruger (Conestoga Valley)
1979 - 80	Joe Sciandra (Downingtown)
1980 - 81	Karen Klotzback (Norristown)
1981 - 82	Bryant Ferris (Downington)
1982 - 83	Louis Cipollini (Downington)
1983 - 84	Jennifer Thomas (Norristown)
1984 - 85	Sandy Smith (Octorara)
	Jay Keefer (Loyalsock)
1985 - 86	Adam Zakarien (Norristown)
1986 - 87	Dana Martin (Warwick)
1987 - 88	Jennifer Knowlden (Williamsport)
1988 - 89	Kriystina Kiwak (Downingtown)
1989 - 90	Mike Burns (Norristown)
1990 - 91	Andrea Patti (Norristown)
1991 - 92	Gayle Lauer (Downingtown)
1992 - 93	Erik Hume (Manheim Township)
1993 - 94	Mark Shell (Boyertown)
1994 - 95	Nathan Mentzer (Garden Spot)
1995 - 96	Megan Kadel (Quakertown)
1996 - 97	Jillian Hume (Manheim Township)
1997 - 98	Nadine Karel (Manheim Township)
1998 - 99	Lauren Lapinski (Quakertown)
1999 - 2000	Ryan Hohman (Manheim Township)
2000 - 01	Shelley Lapinski (Quakertown)
2001 - 02	Joshua Kruger (Quakertown)
2002 - 03	Lauren Washburn (Bermudian)
2003 - 04	Adam Lapinski (Quakertown)
2004 - 05	Jenna Derrico (Canon-McMillian)
2005 - 06	Brad Shulenberger (Conestoga Valley)
2006 - 07	Emily Snyder (Quakertown)
2007 - 08	Travis Smith (Quakertown)
2008 - 09	Chloe Alpert (State College)
2009 - 10	William Heberlein (Conestoga Valley)
2010 - 11	Katherine Chen (Hampton)
2011 - 12	Philip Hayes (Harriton)
2012 - 13	Matt Basile (Quakertown)
2013 - 14	Sitara Soundararajan (Harriton)
2014 - 15	Ben Cutler (Conestoga Valley)
2015 - 16	Olivia Crocker (Boyertown)
2016 - 17	Daphne Weiss (South Western)
2017 - 18	Francis Chalissery (Harriton)
2018 - 19	Abigail Reigner (Boyertown)
2019 - 20	Samuel Catania (Harriton)
2020 - 21	Elliot Ginzburg (Lower Merion)
2021 - 22	Madison Martin (Boyertown)
2022 - 23	Michelle Zheng (Richland)
2023 - 24	Charlize Amper (Bishop McCort)

PA - TSA Board of Directors

Executive Committee

President	Jocelyn Long
Secretary	Judy Hawthorn
Treasurer	Sarah Kline
President-Elect	Molly Miller
Past President	Josh Pennington
Executive Director	Jason Kofmehl

Appointed Members

State Officer Director	Marie Leatherman
State Conference Director	Lauren Lapinski
Technology Director	Diana Rickert

Ex-Officio

State President	William Reisner
State Facilitator	Brandt Hutzel
State Alumni Association President	Ryan Ferry

Corporate Members at Large

Member at Large	Catherine Park
Member at Large	Korbin Shearer
Member at Large	Jana Bonds

Regional Coordinators

Region 1	Tim Linkenheimer
Region 2	Vacant
Region 3	Bob Dwyer
Region 4	Shawna Ann Marchica
Region 5	Clint Rickert
Region 6	Jim Hausman
Region 7	Jon Jarrett
Region 8	Matthew Kline
Region 9	Matt Rimbey

Ex-Officio (Non-voting)

Curriculum Specialist (PDE)	Brandt Hutzel
PDE State Educational Advisor	Vacant
Foundation	Mike Flowers

Emeritas
John Bratton

Program of Activities
Saturday, April 26, 2025

7:00 am - 9:00 am
Meals - Breakfast (D) — Slopeside

7:00 am - 11:30 am
Facilities - Hotel Check-out (D) — Hotel
Must be checked out by 11:30am

8:00 am - 8:30 am
3rd General Session - Awards Ceremony - General Seating (B) — Exhibit Hall

8:30 am - 11:00 am
3rd General Session - Awards Ceremony - Meeting (B) — Exhibit Hall

---

Medals

If you would like to order
additional medals,
please contact
John Czmar at:
Spike's Trophies
john@GoSpikes.com
800-333-2927 x 188

6:45 pm - 7:00 pm	
2nd General Session - Business Meeting - General Seating (B)	Exhibit Hall

7:00 pm - 8:30 pm	
2nd General Session - Business Meeting - Meeting (B)	Exhibit Hall
Dress Code Enforced	

8:30 pm - 10:30 pm	
Special Activities - Activity (D)	Exhibit Hall
End of Conference Celebration Activities	
Special Activities - Activity (D)	Grand Ballroom
End of Conference Celebration Activities	

11:00 pm - 11:30 pm	
Chapter Meetings - Meeting (D)	Advisor's Room

11:30 pm - 7:00 am	
Quiet Hours - Quiet Hours	Hotel
ALL PARTICIPANTS - LIGHTS OUT!	

Advisor Guidelines

1. The advisors are responsible for the proper conduct of all students from their school during the conference. Violations of conduct shall be subject to immediate action by the advisor, conference director or board president. Such action may include sending individuals home immediately and/or disqualifying them from all events.
2. Advisors must be exemplary in their behavior, setting a good example for all students. As a TSA Conference is an extension of the school day, advisors, guests and chaperones must act responsibly, professionally and respectfully at all times. Good sportsmanship is essential and therefore assistance must be provided by advisors to instill in students an understanding of the value of TSA participation as a whole. There is more to life than taking the top spot in every event.
3. Students should only be in the sleeping rooms for which they are registered, unless advisor permission is granted.
4. The advisor's availability in the conference facility is imperative so that students can reach the advisor in the event of an accident, illness or other reason. Advisors are responsible for keeping in their possession at all times a parental permission slip and health information form for each student in attendance.
5. Review the total conference program with your students emphasizing the importance of appearance, attitude, promptness, and courtesy.
6. Be sure you and your students are properly registered in the hotel and understand the rate being charged. The changing of rooms after registering is prohibited. Each school will be held responsible for any charges incurred during the conference, including property damage and telephone calls.

Student Guidelines

1. Students must not leave the conference site or lodging area without the permission and/or accompaniment of their advisor/chaperone.
2. The possession and/or use of any controlled substance (i.e. alcohol, drugs, tobacco) is prohibited. Prescribed medications must be held and distributed by an advisor.
3. Students should only be in the sleeping rooms for which they are registered, unless advisor permission is granted.
4. Students must attend all general sessions and activities for which they are assigned/registered. This includes workshops, competitive events, committee meetings, etc.
5. Name tags must be worn, around the neck, at all times.
6. Students are reminded that the state and school weapon policies are in effect while attending the conference. Any student found in violation of these policies may face legal charges and/or expulsion upon return. (X-acto knives, utility knives and other potentially dangerous tools should be kept by advisors and used only under proper supervision.
7. Improper conduct on the balconies will result in the restriction of balcony use.
8. All students must be in their assigned rooms and quiet during Quiet Hours.
9. A TSA Conference is an extension of the school day, thus all school rules/ policies are in effect and anyone found in violation of these rules/policies will be dealt with accordingly.

PA-TSA prides itself on maintaining a culture of civility, tolerance and respect. Accordingly, any behavior that fails to meet this expectation will be addressed by the chapter advisor, State advisor, school principal, State conference planning team and/or the PA-TSA Board of Directors.

Special Interest Sessions

Wednesday - Friday

Selfie Scavenger Hunt		Stag Pass
Conversation Bingo		Stag Pass
Create with Hammer and Stain	hours in Stag	Seasons #4

Wednesday

Karaoke Night	7:00 - 8:00	Exhibit Hall

Thursday

College Readiness	10:00 - 11:00	Matterhorn
Parly Pro (BARRC)	11:00 - 12:00	Matterhorn
Escape Room	12:00 - 1:00	Matterhorn
Game Room	1:00 - 2:00	Matterhorn
Mario Cart Tournament	2:00 - 3:00	Matterhorn
Fundraising by NSP	3:00 - 4:00	Matterhorn
Cross Chapter Fundraising	3:00 - 4:00	Matterhorn
Committe Meet and Greet	4:00 - 5:00	Matterhorn
Community Service	5:00 - 6:00	Matterhorn
Women in STEM	6:00 - 7:00	Matterhorn
Candidate Meet and Greet	7:00 - 8:00	Matterhorn
Scavenger Hunt	7:00 - 8:00	Matterhorn
Jeopardy Trivia Night	8:00 - 9:00	Snowflake
State Officer Candidate Speeches	9:30 - 11:00	Exhibit Hall

Friday

Outreach Corporate Gallery Walk	9:00 - 10:00	Matterhorn
TSA Speed Networking	10:00 - 11:00	Matterhorn
Chapter Bonding Sessions	11:00 - 12:00	Matterhorn
Transition from MS to HS TSA	12:00 - 1:00	Matterhorn
Day in the Life of a Developer	1:00 - 2:00	Matterhorn
Tech Cave Tour	2:00 - 3:00	Grand Ballroom
STEELS in Action (advisors only)	2:00 - 3:00	Matterhorn
Minute to Win It	3:00 - 4:00	Matterhorn
Code Your Own	4:00 - 5:00	Matterhorn
Brawl Stars	5:00 - 6:00	Matterhorn
Minecraft Tournament	5:00 - 6:00	Matterhorn

Selfie Scavenger Hunt

Are you looking for a fun way to get to know the PA-TSA State Conference? This easy Selfie Scavenger Hunt is a perfect way to break the ice at this year's conference. The scavenger hunt will be a challenge open to everyone that asks participants to take a selfie with the items, landmarks, or even people in the Scavenger Hunt. Complete the whole scavenger hunt for a prize!

Conversation Bingo

The state conference is a great way to make new connections. Pick up a conversation bingo card at Stag Pass and talk to new people throughout the conference using its prompts. Bring the card back to Stag Pass to earn a prize!

---

227 - Prepared Presentation - Contest (B)	Seasons #3
1:30 pm - 3:00 pm	
O - 159 - PA - Robotics - Competition (C)	Timberstone
1:30 pm - 5:30 pm	
127 - Problem Solving - Contest (C)	Ski Lodge
236 - Tech Problem Solving - Contest (C)	Ski Lodge
2:00 pm - 3:00 pm	
Special Interest Sessions - Seminar *Tech Cave Tour*	Grand Ballroom
Special Interest Sessions - Seminar *CTE Task Lists to STEELS Crosswalks*	
2:00 pm - 3:30 pm	
O - 119 - Jr. Solar Sprint - Semi-finals (C)	Ski Lodge
2:00 pm - 4:00 pm	
O - 116 - Flight - Trim/Flights - semifinalists (C)	Grand Ballroom
2:00 pm - 5:00 pm	
226 - Photographic Tech - Semi-finalist Presentation (C)	Laurel
Special Interest Sessions - Viewing (D) *Display Events Open for Viewing*	Winterberry
3:00 pm - 3:30 pm	
232 - STEM Mass Media - Entry submssion	Online Submission
3:00 pm - 4:00 pm	
Special Interest Sessions - Seminar (D) *Minute to Win It*	Matterhorn
3:00 pm - 5:00 pm	
212 - Debating Tech Issues - Holding (B)	Sunburst
212 - Debating Tech Issues - Pro/Con (B)	Seasons #1
O - 212 - Debating Tech Issues - Finals (B)	Seasons #1
3:30 pm - 4:00 pm	
119 - Jr. Solar Sprint - Pick-up	Ski Lodge
3:30 pm - 4:30 pm	
114 - Electrical Apps - Semi-finals (C)	Laurel
158 - PA - R/C Off-Road - Pick Up (D)	Grand Ballroom
4:00 pm - 5:00 pm	
Special Interest Sessions - Seminar *Code Your Own*	Matterhorn
4:30 pm - 6:00 pm	
Meals - Dinner Buffet (D)	Exhibit Hall
5:00 pm - 6:00 pm	
108 - CAD Foundations - Pick-up (D)	Alpine
209 - CAD Architecture - Pick-up (D)	Alpine
210 - CAD Engineering - Pick-up (D)	Alpine
Special Interest Sessions - Seminar *Minecraft Tournament*	Matterhorn
Special Interest Sessions - Seminar *Brawl Stars*	Matterhorn
5:30 pm - 7:00 pm	
Judges - Pick-up *ALL DISPLAY EVENTS SHOULD BE PICKED UP FROM WINTERBERRY*	Winterberry
6:30 pm - 6:40 pm	
2nd General Session - Business Meeting - Delegate Seating (B) *Must arrive by 6:40PM Delegates ONLY.*	Exhibit Hall

213 - Digital Video Production - Semi-finalist Interviews (B)	Ski Lodge - Foggy Brews
214 - Dragster Design - Semi-finalist Interviews (B)	Hemlock
221 - Future Tech & Eng Teacher - Semi-finals (B)	Seasons #1
224 - Music Production - Semi-finalist Interviews (B)	Ski Lodge - Foggy Brews
231 - Software Development - Presentations (B)	Ski Lodge - Foggy Brews
238 - Video Game Design - Semi-finalist Interviews (B)	Ski Lodge - Foggy Brews
240 - Webmaster - Semi-finalist Interviews (B)	Ski Lodge - Foggy Brews
Special Activities - Semi-finalist Interviews	Ski Lodge - Foggy Brews

9:00 am - 5:00 pm

| Special Interest Sessions - Viewing (D) | Grand Ballroom |
| *Exhibitor Booths Open* | |

9:30 am - 10:00 am

| 229 - Robotics - Sign-up (C) | Timberstone |

10:00 am - 11:00 am

| Special Interest Sessions - Seminar | Matterhorn |
| *TSA Speed Networking* | |

10:00 am - 12:00 pm

229 - Robotics - Competition (C)	Timberstone
O - 130 - Structural Engineering - Testing (D)	Ski Lodge - Maple
O - 233 - Structural Design & Eng - Testing (D)	Ski Lodge - Maple
semi-finalist structures	

11:00 am - 12:00 pm

| Special Interest Sessions - Seminar | Matterhorn |
| *Chapter Bonding Sessions* | |

11:00 am - 12:30 pm

| O - 119 - Jr. Solar Sprint - Time Trials (C) | Ski Lodge |

11:30 am - 1:30 pm

| Meals - Lunch Buffet (D) | Exhibit Hall |

11:30 am - 3:00 pm

| Special Activities - Holding Room | Sunburst |

12:00 pm - 12:30 pm

| 203 - Audio Podcasting - Semi-finalist submission | Online Submission |

12:00 pm - 1:00 pm

| Special Interest Sessions - Semiar | Matterhorn |
| *Transition from MS to HS TSA* | |

12:30 pm - 2:30 pm

| 115 - Essays on Technology - Semi-finals - Essay (B) | Laurel |

12:30 pm - 4:00 pm

117 - Forensic Tech - Semi-finals - report write-up (C)	Evergreen
117 - Forensic Tech - Semi-finals (C)	Chestnut
220 - Forensic Science - Semi-finals - report write-up (C)	Evergreen
220 - Forensic Science - Semi-finals (C)	Dogwood

12:30 pm - 5:00 pm

| 209 - CAD Architecture - Contest (C) | Alpine |

1:00 pm - 1:30 pm

| 159 - PA - Robotics - Drop-off (C) | Timberstone |
| *Drop off engineering journal; select time for demonstration* | |

1:00 pm - 2:00 pm

| Special Interest Sessions - Seminar (D) | Matterhorn |
| *Day in the Life of a Developer* | |

1:00 pm - 5:00 pm

| 217 - Extemp Speech - Contest (B) | Seasons #2 |

Create with Hammer and Stain
Stop by and create your own wooden sign that you can customize with your choice of paint colots. Multiple design options available. Portion of proceeds will go back to TSA, Hours posted in Stag Pass.

Karaoke Night
Are you in the choir at school? Do you just sing in the shower? No matter how awful your singing is, come to the Karaoke Night special interest session where you can relieve some stress and sing along to your favorite tunes. Get the chance to compete with your friends and other students. The person with the best performance will be honored with a special prize.

College Readiness
Are you getting ready to apply for college in the fall or within the next few years? Have you already applied to college? Everyone is welcome to the college readiness special interest sessions where you can hear directly from college students and professionals who have been involved in TSA. Hear about everything from the application process to practical skills and habits to be successful as you move into your post-secondary education.

Parly Pro (BARRC)
Do you like parliamentary procedure? Are you a beginner looking to learn the basics? Come to the Parly Pro interest session! This session is run by the Bylaw and Resolutions Review Committee and will consist of an informational presentation as well as an activity. It will cover both beginner and advanced parliamentary procedure content in one session.

Escape Room
Are you someone who loves mystery, competition and some serious fun? Come to the escape room where you'll have a chance to compete against other teams by solving problems and working together. It's a great opportunity to put your skills to the test.

Game Room
Do you have a competitive streak? Have a need to crush your teammates in monopoly? Swing by the game room! Here you will be able to play against your friends and other TSA members in activities ranging from board games to video games. Good luck!

Mario Kart Tournament
Are you looking for some competition with friends? Do you like racing? Make sure to come to the first ever State Conference Mario Kart Tournament! We'll be hosting a bracket tournament for individuals looking to show off their skills. Make sure to bring your A game.... there will be a prize for the winner!

Fundraising by NSP
Do yoiu want to make TSA more accesssible and cheaper for the members of your chapter? Come to the fundraising session prepared by your NSP committee! They will share tips and tricks on how to effectively fundraise for your chapter.

Cross Chapter Fundraising
Do yoiu want to hear about NSP's newest initiative? The Cross Chapter Fundraising iniitiative is a great way for chapters to work together for their fundraising efforts. This special session is a great way to learn more about this iniiative and network with other chapters who are interested in fundraising.

Committee Meet and Greet

Want to get more involved with Pennsylvania TSA year round? Did you know there are committees ranging from helping plan the state conference to reaching out to potential corporate sponsors? Learn and ask questions about every committee and how to expand your membership in PA-TSA from members themselves.

Community Service

Are you looking to support a good cause and make an impact? Get crafty at his year's community service session where we will be wiriting and decorating handmade cards for children battling cancer and other serious illensses. Bring your friends and let's write letters of love!

Women in STEM

Are you interested in learning more about what the day in the life of a STEAM career is like? Join Dr. Taraif, associate professor of clinical pathology, and Dr. Shevarde, water resources engineer and educator, as they share their journey in the STEAM field!

Candidate Meet and Greet

Want to learn more about the State Officer Candidates? Comne to the meet and greeet! This is your chance to ask questions, learn more about campaign platforms and talk one-on-one with each of the candidates.

Scavenger Hunt - Seven Springs/TSA Trivia

Each group in the event will be asked to go on a scavenger hunt to find answers aboout the Seven Springs Mountain Resort and TSA. Groups can be 1 - 4 people. Prizes will be awarded to the participants with the highest number of correct answers and the quickest time. Your advisor will be contacted with your prize.

Jeopardy Trivia Night - State Officer Team

Come check out the trivia night special interest session! For trivia night, we'll be competing in teams. If you have a team that you want to work with, that's great! But if you don't, we will find you a team! Trivia night will be conducted in a Jeopardy style format. We're excited to see all of you there! This... Is.... Jeopardy!

State Officer Candidate Speeches

Come and listen to the PA-TSA Officer Candidates give their speeches about why they want to "Be Your Next State Officer". Speeches will be viewed as a group and if time allows, a live Q & A will occur where you can ask candidates your questions. Two representatives must be present to be able to vote for your chapter.

Outreach Corporate Gallery Walk

Spnsorships are a huge part of making TSA possible. If you or your chapter are looking for opportunities to get in contact with local tech companies, make sure to stop by the Corporate Gallery Walk! We'll have information from companies all over the state that are interested in partnering with you. We hope this will help get the ball rolling for everyone!.

TSA Speed Networking

Want to meet like-minded TSA members from across the state? Join us for TSA Speed Networking, a fast paced networking event where you'll get to connect with fellow .competitors! Whether you're looking for new friends, project collaborations or just plain conversation, this is the perfect chance to expand your TSA network - one quick chat at a time!

Program of Activities
Friday, April 25, 2025

7:00 am - 7:45 am	
108 - CAD Foundations - Set-up (D)	Alpine
209 - CAD Architecture - Set-up (D)	Alpine
210 - CAD Engineering - Set-up (D)	Alpine

7:00 am - 9:00 am	
Meals - Breakfast (D)	Slopeside

7:00 am - 9:30 am	
133 - Technical Design - Entry submission	Online Submission
135 - Vlogging - Entry submission	Online Submission
154 - PA - Digital Video Challenge - Entry submission	Online Submission
225 - On Demand Video - Entry submission (D)	Online Submission

8:00 am - 11:30 am	
108 - CAD Foundations - Contest (C)	Alpine
210 - CAD Engineering - Contest (C)	Alpine
217 - Extemp Speech - Contest (B)	Seasons #2
227 - Prepared Presentation - Contest (B)	Seasons #3
Special Activities - Holding Room	Sunburst

8:00 am - 12:00 pm	
O - 158 - PA - R/C Off-Road - Races (C)	Grand Ballroom
O - 257 - PA - R/C Off-Road - Races (C)	Grand Ballroom

8:00 am - 2:00 pm	
151 - PA - BattleBots - Contest (C)	Grand Ballroom

8:00 am - 5:00 pm	
217 - Extemp Speech - Holding (B)	Sunburst
217 - Extemp Speech - Prep (B)	Snowflake
227 - Prepared Presentation - Holding (B)	Sunburst

8:30 am - 11:00 am	
122 - Mechanical Engineering - Contest (C)	Fox Den

8:30 am - 2:00 pm	
251 - PA - BattleBots - Contest (C)	Grand Ballroom

9:00 am - 10:00 am	
Special Interest Sessions - Seminar	Matterhorn
Outreach Corporate Gallery Walk	

9:00 am - 11:00 am	
128 - Promotional Marketing - Semi-finals (C)	Laurel
215 - Drone Challenge (UAV) - Semi-finalist Interviews (B)	Hemlock

9:00 am - 12:00 pm	
102 - Career Prep - Semi-finalist Interviews (B)	Ski Lodge - Foggy Brews
104 - Chapter Team - Prep	Evergreen
Secretary Minutes	
104 - Chapter Team - Semi-finals Contest (A)	Chestnut
107 - Community Service Video - Semi-finalist Interviews (B)	Ski Lodge - Foggy Brews
113 - Dragster - Semi-finalist Interviews (B)	Hemlock
129 - STEM Animation - Semi-finalist Presentation (B)	Ski Lodge - Foggy Brews
134 - Video Game Design - Semi-finalist Interviews (B)	Ski Lodge - Foggy Brews
136 - Website Design - Semi-finalist Interviews (B)	Ski Lodge - Foggy Brews
207 - Children's Stories - Semi-finalist Interviews (B)	Dogwood
211 - Data Science & Analytics - Semi-finalist Interviews (B)	Ski Lodge - Foggy Brews

Friday, April 25, 2025 - "O" Denotes Open Viewing

8:00 pm - 10:30 pm	
235 - Tech Bowl - Holding (B)	Hemlock
O - 235 - Tech Bowl - Semi-finals (B)	Sunburst

8:30 pm - 9:30 pm	
Advisor Meeting - Meeting (D)	Matterhorn
Region 3 advisor meeting	

9:30 pm - 10:30 pm	
Advisor Meeting - Meeting (D)	Matterhorn
open to all advisors - refreshments served	

9:30 pm - 11:00 pm	
Candidate Speeches - Meeting (D)	Exhibit Hall
Candidate Speeches and Q&A, Delegates must attend in order to vote on Friday.	
Special Interest Sessions - Meeting	Exhibit Hall
State Officer Candidate Speeches	

10:30 pm	
Advisor Meeting - Meeting	Matterhorn
Region 2 advisor meeting	

11:00 pm - 11:30 pm	
Chapter Meetings - Meeting (D)	Advisor's Room

11:30 pm - 7:00 am	
Quiet Hours - Quiet Hours	Hotel
ALL PARTICIPANTS - LIGHTS OUT!	

Chapter Bonding Sessions

Do you want to test just how strong the bond is within your chapter? Come to the chapter bonding sessions and participate in a vairiety of fun activities, like human knot, with your chapter. The chapter that wins the most amount of activities at the end of the session will earn a prize!

Transition from MS to HS TSA

Middle schoolers, are you a little nervous about moving up to HS TSA? High schoolers, do you have some great tips for younger members? Do you have questions about TSA in general? Then come share and receive advice, and meet with your fellow TSA enthusiasts! This is a group discussion open to anyone!

Day in the Life of a Developer, TJ Cappelletti

Do you have an interet or considering a career in software development? Learn what it is like to be one from someone who has been developing software for over 15 years

Tech Cave Tour

Have you ever been curious about all the tech necessary to run PA-TSA's state conference? From wi-fi access to the judging portal, to online submissions, to general sessions, it takes a lot! Come explore the Tech Cave and learn from our alumni just what it takes to make PA-TSA run.

STEELS in Action: Linking TE & Tasks Lists

This session is for advisors only

When will we see a Crosswalk? The GASD Technology & Engineering staff dedicated time to work on a crosswalk between their POS Task Lists and the new STEELS standards. Focusing on the in-house programs that fall under engineering, communications and agriculture, the team created a crosswalk that indentified gaps and confirmed skills of task lists.

Minute to Win It

How well do you work under pressure? In this year's Minute to Win It, participants will compete in numerous minute-long challenges ranging from relay races, stacking cards, jelly bean tossing, and more. The participant who wins the most number of challenges will leave the session with a prize!

Code Your Own

Are you interested in computer-programming? At this session, members will learn the basics of Python and will have the opportunity to design their own ML algorithm at the end. The model with the most accuracy will receive a prize!

Brawl Stars

Gather your friends and get ready for the first ever State Conference Brawl Stars Tournament! Battle it our in a bracket-style competition to prove your skills and claim victory. Whether you're a tank or a strategy mastermind, this is your chance to shine. There will be a prize for the champion, so may the best brawler win!

Minecraft Tournament

Come to the Minecraft special interest session where you can play survival or creative Minecraft with your friends and TSA peers. There will be a Build Battle event in which competitors will build a TSA-themed work that will be judged by a State Officer. The winner will receive a prize. A personal device is required with Minecraft that can run offline..

Middle School Events

Biotechnology
Check-in	Wed	6:30 PM	8:00 PM	Winterberry
Semi-finalist Interviews	Thu	3:00 PM	6:00 PM	Winterberry
Pick-up	Fri	5:30 PM	7:00 PM	Winterberry

Career Prep
EARLY SUBMISSION	4/9 to 4/16/25			Pre-Conference
Semi-finalist Interviews	Fri	9:00 AM	12:00 PM	Ski Lodge - Foggy

Challenging Technology Issues
Sign-up	Wed	6:00 PM	8:00 PM	Online Sign Up
Contest	Thu	9:30 AM	11:30 AM	Chestnut
Prep	Thu	9:30 AM	11:30 AM	Evergreen
Contest	Thu	12:30 PM	2:30 PM	Chestnut
Prep	Thu	12:30 PM	2:30 PM	Evergreen

Chapter Team
TESTING	Wed or Thur			Sunburst/Snowflake
5-9PM on Wed, 9:30-11AM on Thurs				
Semi-finals Contest	Fri	9:00 AM	12:00 PM	Chestnut
Prep	Fri	9:00 AM	12:00 PM	Evergreen
Secretary Minutes				

Children's Stories
Check-in	Wed	6:30 PM	8:00 PM	Winterberry
Semi-finals	Thu	6:30 PM	9:30 PM	Laurel
Pick-up	Fri	5:30 PM	7:00 PM	Winterberry

Coding
TESTING	Wed or Thur			Sunburst/Snowflake
5-9PM on Wed, 9:30-11AM on Thurs				
Semi-finals	Thu	6:00 PM	10:00 PM	Alpine

Community Service Video
EARLY SUBMISSION	4/9 to 4/16/25			Pre-Conference
Semi-finalist Interviews	Fri	9:00 AM	12:00 PM	Ski Lodge - Foggy

Computer-Aided Design Foundations
Set-up	Fri	7:00 AM	7:45 AM	Alpine
Contest	Fri	8:00 AM	11:30 AM	Alpine
Pick-up	Fri	5:00 PM	6:00 PM	Alpine

Construction Challenge
Check-in	Wed	6:30 PM	8:00 PM	Winterberry
Semi-finalist Interviews	Thu	3:00 PM	6:00 PM	Winterberry
Pick-up	Fri	5:30 PM	7:00 PM	Winterberry

Cybersecurity
TESTING	Wed or Thur			Sunburst/Snowflake
5-9PM on Wed, 9:30-11AM on Thurs				
Semi-finalist Presentations	Thu	7:00 PM	9:00 PM	Dogwood

Data Science and Analytics
Check-in	Wed	6:30 PM	8:00 PM	Winterberry
Prep	Thu	7:00 PM	10:00 PM	Seasons #2
Semi-finalist Presentations	Thu	7:00 PM	10:00 PM	Seasons #1
Pick-up	Fri	5:30 PM	7:00 PM	Winterberry

Digital Photography
EARLY SUBMISSION	4/9 to 4/16/25			Pre-Conference
Semi-finals	Thu	2:00 PM	5:30 PM	Alpine

Dragster
Check-in	Wed	7:00 PM	8:00 PM	Grand Ballroom

6:00 pm - 10:00 pm
106 - Coding - Semi-finals (B)	Alpine

6:30 pm - 6:45 pm
151 - PA - BattleBots - Pick-up (C)	Seasons #2 & #3
Students move robots to Grand Ballroom	
251 - PA - BattleBots - Pick-up (C)	Seasons #2 & #3
Students move robots to Grand Ballroom	

6:30 pm - 7:30 pm
122 - Mechanical Engineering - Drop-off (D)	Fox Den
122 - Mechanical Engineering - Sign-up (D)	Fox Den
performance time slot	

6:30 pm - 9:30 pm
105 - Children's Stories - Semi-finals (B)	Laurel

7:00 pm - 7:15 pm
218 - Fashion Design & Tech - Finals (B)	Exhibit Hall
semi-finalists drop off music; receive instructions	

7:00 pm - 8:00 pm
116 - Flight - Semifinalist Construction (C)	Ski Lodge
158 - PA - R/C Off-Road - Track Set-up (D)	Grand Ballroom
257 - PA - R/C Off-Road - Track Set-up (D)	Grand Ballroom
Special Interest Sessions - Seminar (D)	Exhibit Hallway
Candidate Meet and Greet - Stag Pass	
Special Interest Sessions - Seminar (D)	Matterhorn
Scavenger Hunt - Seven Springs/TSA Trivia	

7:00 pm - 9:00 pm
110 - Cybersecurity - Semi-finalist Presentations (B)	Dogwood
151 - PA - BattleBots - Safety Inspections (C)	Grand Ballroom
229 - Robotics - Practice (C)	Timberstone
251 - PA - BattleBots - Safety Inspections (C)	Grand Ballroom
O - 159 - PA - Robotics - Practice (D)	Timberstone

7:00 pm - 10:00 pm
111 - Data Science & Analytics - Prep (B)	Seasons #2
111 - Data Science & Analytics - Semi-finalist Presentations (B)	Seasons #1
130 - Structural Engineering - Construction (C)	Ski Lodge - Maple
semifinalists only	
233 - Structural Design & Eng - Construction (C)	Ski Lodge - Maple
semi-finalists only	

7:15 pm - 7:45 pm
218 - Fashion Design & Tech - Finals (B)	Winterberry
semi-finalists pick up designs, report to Exhibit Hall	

7:30 pm - 8:30 pm
O - 153 - PA - Delta Dart - Trim/Flights (C)	Grand Ballroom

8:00 pm - 8:30 pm
119 - Jr. Solar Sprint - Check-in (D)	Ski Lodge

8:00 pm - 9:00 pm
Advisor Meeting - Meeting	Matterhorn
New advisor check-in - a chance to chat with veteran advisors	
Advisor Meeting - Meeting	Matterhorn
Region 5 advisor meeting	
Special Interest Sessions - Seminar	Snowflake
Jeopardy Trivia Night	

8:00 pm - 9:30 pm
O - 218 - Fashion Design & Tech - Finals (B)	Exhibit Hall

3:00 pm - 6:00 pm

101 - Biotechnology - Semi-finalist Interviews (B)	Winterberry
109 - Construction Challenge - Semi-finalist Interviews (B)	Winterberry
118 - Inventions & Innovations - Semi-finalist Interviews (B)	Winterberry
121 - Mass Production - Semi-finalist Interviews (B)	Winterberry
123 - Medical Tech - Semi-finalist Interviews (B)	Winterberry
124 - Microcontroller Design - Presentations (B)	Winterberry
125 - Off the Grid - Semi-finalist Interviews (B)	Winterberry
156 - PA - Materials Process - Semi-finalist Interviews (B)	Winterberry
201 - Animatronics - Presentations (B)	Winterberry
202 - Architectural Design - Semi-finalist Interviews (B)	Winterberry
204 - Biotechnology Design - Semi-finalist Interviews (B)	Winterberry
205 - Board Game Design - Semi-finalist Interviews (B)	Winterberry
216 - Engineering Design - Semi-finalist Interviews (B)	Winterberry
222 - Geospatial Technology - Semi-finalist Interviews (B)	Winterberry
223 - Manufacturing Prototype - Semi-finalist Interviews (B)	Winterberry
237 - Transportation Modeling - Semi-finalist Interviews (B)	Winterberry
239 - Virtual Reality Simulation (VR) - Semi-finalist Interviews (B)	Winterberry
254 - PA - Materials Process - Semi-finalist Interviews (B)	Winterberry
Special Activities - Semi-finalist Interviews	Winterberry

4:00 pm - 5:00 pm

Special Interest Sessions - Seminar (D)	Matterhorn
Committee Meet and Greet	

4:00 pm - 8:00 pm

206 - Chapter Team - Finals (A)	Chestnut
206 - Chapter Team - Holding (A)	Evergreen
206 - Chapter Team - Prep (A)	Evergreen
Secretary Minutes	

4:30 pm - 6:30 pm

Meals - Dinner Buffet (D)	Exhibit Hall

5:00 pm - 6:00 pm

113 - Dragster - Pick-up (D)	Grand Ballroom
214 - Dragster Design - Pick-up (D)	Grand Ballroom
215 - Drone Challenge (UAV) - Pick-up	Grand Ballroom
230 - Sr Solar Sprint - Pick-up	Ski Lodge
Special Interest Sessions - Seminar	Matterhorn
Community Service	

5:30 pm - 7:00 pm

Advisor Meeting - Meeting	Matterhorn
Region 9 advisor meeting	

5:30 pm - 8:00 pm

132 - Tech Bowl - Holding (B)	Hemlock
O - 132 - Tech Bowl - Semi-finals (B)	Sunburst

6:00 pm - 6:30 pm

219 - Flight Endurance - Pick-up (C)	Grand Ballroom

6:00 pm - 7:00 pm

Special Interest Sessions - Seminar	Matterhorn
Women in STEM	

6:00 pm - 9:00 pm

208 - Coding - Contest (B)	Alpine
O - 163 - PA - TSA VEX - Competition (C)	Timberstone

Middle School Events

Races	Thu	9:30 AM	5:00 PM	O	Grand Ballroom
Pick-up	Thu	5:00 PM	6:00 PM		Grand Ballroom
Semi-finalist Interviews	Fri	9:00 AM	12:00 PM		Hemlock

Electrical Applications

TESTING	Wed or Thur				Sunburst/Snowflake
5-9PM on Wed, 9:30-11AM on Thurs					
Semi-finals	Fri	3:30 PM	4:30 PM		Laurel

Essays on Technology

Contest - Outline	Thu	10:00 AM	12:00 PM		Fox Den
Semi-finals - Essay	Fri	12:30 PM	2:30 PM		Laurel

Flight

Trim/Flights - pre-built gliders	Thu	12:00 PM	2:30 PM	O	Grand Ballroom
Semifinalist Construction	Thu	7:00 PM	8:00 PM		Ski Lodge
Trim/Flights - semifinalists	Fri	2:00 PM	4:00 PM	O	Grand Ballroom

Forensic Technology

TESTING	Wed or Thur				Sunburst/Snowflake
5-9PM on Wed, 9:30-11AM on Thurs					
Semi-finals	Fri	12:30 PM	4:00 PM		Chestnut
Semi-finals - report write-up	Fri	12:30 PM	4:00 PM		Evergreen

Inventions and Innovations

Check-in	Wed	6:30 PM	8:00 PM		Winterberry
Semi-finalist Interviews	Thu	3:00 PM	6:00 PM		Winterberry
Pick Up	Fri	5:30 PM	7:00 PM		Winterberry

Junior Solar Sprint

Check-in	Thu	8:00 PM	8:30 PM		Ski Lodge
Time Trials	Fri	11:00 AM	12:30 PM	O	Ski Lodge
Semi-finals	Fri	2:00 PM	3:30 PM	O	Ski Lodge
Pick-up	Fri	3:30 PM	4:00 PM		Ski Lodge

Leadership Strategies

Sign-up	Wed	6:00 PM	8:00 PM		Online Sign Up
Contest	Thu	1:00 PM	6:00 PM		Laurel
Prep	Thu	1:00 PM	6:00 PM		Fox Den

Mass Production

Check-in	Wed	6:30 PM	8:00 PM		Winterberry
Semi-finalist Interviews	Thu	3:00 PM	6:00 PM		Winterberry
Pick-up	Fri	5:30 PM	7:00 PM		Winterberry

Mechanical Engineering

Drop-off	Thu	6:30 PM	7:30 PM		Fox Den
Sign-up	Thu	6:30 PM	7:30 PM		Fox Den
performance time slot					
Contest	Fri	8:30 AM	11:00 AM		Fox Den

Medical Technology

Check-in	Wed	6:30 PM	8:00 PM		Winterberry
Semi-finalist Interviews	Thu	3:00 PM	6:00 PM		Winterberry
Pick-up	Fri	5:30 PM	7:00 PM		Winterberry

Microcontroller Design

Sign-up	Wed	6:00 PM	8:00 PM		Online Sign Up
Check-in	Wed	6:30 PM	8:00 PM		Winterberry
Presentations	Thu	3:00 PM	6:00 PM		Winterberry
Pick-up	Fri	5:30 PM	7:00 PM		Winterberry

Off the Grid

Check-in	Wed	6:30 PM	8:00 PM		Winterberry

Middle School Events

Semi-finalist Interviews	Thu	3:00 PM	6:00 PM		Winterberry
Pick-up	Fri	5:30 PM	7:00 PM		Winterberry

Prepared Speech
Sign-up	Wed	6:00 PM	8:00 PM		Online Sign Up
Contest	Thu	9:30 AM	12:30 PM		Seasons #1
Contest	Thu	1:00 PM	4:00 PM		Seasons #1

Problem Solving
Contest	Fri	1:30 PM	5:30 PM		Ski Lodge

Promotional Marketing
EARLY SUBMISSION	4/9 to 4/16/25				Pre-Conference
Semi-finals	Fri	9:00 AM	11:00 AM		Laurel

STEM Animation
EARLY SUBMISSION	4/9 to 4/16/25				Pre-Conference
Semi-finalist Presentation	Fri	9:00 AM	12:00 PM		Ski Lodge - Foggy

Structural Engineering
Drop-off	Thu	10:00 AM	11:00 AM		Ski Lodge - Maple
Testing preliminary structures	Thu	2:00 PM		O	Ski Lodge - Maple
Construction semifinalists only	Thu	7:00 PM	10:00 PM		Ski Lodge - Maple
Testing	Fri	10:00 AM	12:00 PM	O	Ski Lodge - Maple

System Control Technology
Contest	Thu	9:30 AM	12:30 PM		Timberstone
Pick-up	Thu	2:30 PM	3:00 PM		Timberstone

Tech Bowl
TESTING 5-9PM on Wed, 9:30-11AM on Thurs	Wed or Thur				Sunburst/Snowflake
Semi-finals	Thu	5:30 PM	8:00 PM	O	Sunburst
Holding	Thu	5:30 PM	8:00 PM		Hemlock

Technical Design
Directions	Wed	8:00 PM	8:15 PM		Laurel
Entry submission	Fri	7:00 AM	9:30 AM		Online Submission

Video Game Design
EARLY SUBMISSION	4/9 to 4/16/25				Pre-Conference
Semi-finalist Interviews	Fri	9:00 AM	12:00 PM		Ski Lodge - Foggy

Vlogging
EARLY SUBMISSION	4/9 to 4/16/25				Pre-Conference
Semifinalist Directions	Wed	7:00 PM	7:15 PM		Seasons #2
Entry submission	Fri	7:00 AM	9:30 AM		Online Submission

Website Design
EARLY SUBMISSION	4/9 to 4/16/25				Pre-Conference
Semi-finalist Interviews	Fri	9:00 AM	12:00 PM		Ski Lodge - Foggy

PA - BattleBots
Check-in	Wed	7:00 PM	8:00 PM		Seasons #2 & #3
Pick-up Students move robots to Grand Ballroom	Thu	6:30 PM	6:45 PM		Seasons #2 & #3
Safety Inspections	Thu	7:00 PM	9:00 PM		Grand Ballroom
Contest	Fri	8:00 AM	2:00 PM	Y	Grand Ballroom

PA - Delta Dart
Construction	Thu	9:30 AM	12:00 PM		Ski Lodge
Trim/Flights	Thu	7:30 PM	8:30 PM	O	Grand Ballroom

---

226 - Photographic Tech - Semi-finalist Instructions (C)		Hemlock

11:30 am - 1:30 pm
Meals - Lunch Buffet (D)		Exhibit Hall

12:00 pm - 1:00 pm
Special Interest Sessions - Seminar (D) *Escape Room*		Matterhorn

12:00 pm - 1:30 pm
230 - Sr Solar Sprint - Time Trials (C)		Ski Lodge

12:00 pm - 2:30 pm
212 - Debating Tech Issues - Heats (B)		Chestnut/Dogwood
212 - Debating Tech Issues - Pro/Con (B)		Chestnut/Dogwood
O - 116 - Flight - Trim/Flights - pre-built gliders (C)		Grand Ballroom

12:30 pm - 2:30 pm
103 - Challenging Tech Issues - Contest (B)		Chestnut
103 - Challenging Tech Issues - Prep		Evergreen

1:00 pm - 2:00 pm
Special Interest Sessions - Seminar (D) *Game Room*		Matterhorn

1:00 pm - 4:00 pm
126 - Prepared Speech - Contest (B)		Seasons #1

1:00 pm - 6:00 pm
120 - Leadership Strategies - Contest (B)		Laurel
120 - Leadership Strategies - Prep (B)		Fox Den

1:30 pm - 3:00 pm
Judges - Sign-up (D) *semi-finalists sign-up for interview times*		Online Sign Up

2:00 pm
O - 130 - Structural Engineering - Testing (D) *preliminary structures*		Ski Lodge - Maple
O - 233 - Structural Design & Eng - Testing (D) *pre-built structures*		Ski Lodge - Maple

2:00 pm - 3:00 pm
Special Interest Sessions - Seminar (D) *Mario Kart Tournament*		Matterhorn

2:00 pm - 5:00 pm
228 - Promotional Design - Semi-finalist Contest (C)		Alpine

2:00 pm - 5:30 pm
112 - Digital Photography - Semi-finals (C)		Alpine

2:30 pm - 3:00 pm
131 - System Control Tech - Pick-up (D)		Timberstone
234 - System Control Tech - Pick-up (D)		Timberstone

2:30 pm - 3:30 pm
232 - STEM Mass Media - Semifinal Contest (B)		Snowflake

3:00 pm - 4:00 pm
Special Interest Sessions - Seminar *Cross Chapter Fundraising*		Matterhorn
Special Interest Sessions - Seminar (D) *Fundraising by NSP*		Matterhorn

3:00 pm - 4:30 pm
230 - Sr Solar Sprint - Semi-finals (C)		Ski Lodge

3:00 pm - 5:30 pm
O - 219 - Flight Endurance - Contest (C)		Grand Ballroom

Program of Activities
Thursday, April 24, 2025

6:45 am - 8:15 am

Meals - Breakfast (D)	Slopeside

7:30 am - 8:15 am

1st General Session - Opening Ceremony - Meeting (B) *State Officers & Candidates Meeting ONLY*	Exhibit Hall

8:10 am - 8:25 am

1st General Session - Opening Ceremony - General Seating (B)	Exhibit Hall

8:30 am - 9:00 am

Judges - Directions *PARTICIPATION Events*	Wintergreen
Judges - Directions *DISPLAY Events*	Winterberry

8:30 am - 9:30 am

1st General Session - Opening Ceremony - Meeting (B) *Dress Code Enforced*	Exhibit Hall

9:00 am - 2:00 pm

Judges - Judging *Display Event Judging - semi-finalists posted online by 2:30PM; sign-ups online*	Winterberry

9:30 am

215 - Drone Challenge (UAV) - Drone Testing (C)	Grand Ballroom

9:30 am - 10:30 am

158 - PA - R/C Off-Road - Check-in (D) *car drop-off*	Grand Ballroom
257 - PA - R/C Off-Road - Check-in (D) *car drop-off*	Grand Ballroom

9:30 am - 11:30 am

103 - Challenging Tech Issues - Contest (B)	Chestnut
103 - Challenging Tech Issues - Prep (B)	Evergreen
Testing - TESTING WINDOW 2	Sunburst/Snowflake

9:30 am - 12:00 pm

153 - PA - Delta Dart - Construction (C)	Ski Lodge

9:30 am - 12:30 pm

126 - Prepared Speech - Contest (B)	Seasons #1
131 - System Control Tech - Contest (C)	Timberstone
234 - System Control Tech - Contest (C)	Timberstone

9:30 am - 5:00 pm

O - 113 - Dragster - Races (D)	Grand Ballroom
O - 214 - Dragster Design - Races (D)	Grand Ballroom

10:00 am - 11:00 am

130 - Structural Engineering - Drop-off (D)	Ski Lodge - Maple
O - 233 - Structural Design & Eng - Drop-off (D) *pre-built structures*	Ski Lodge - Maple
Special Interest Sessions - Seminar *College Readiness*	Matterhorn

10:00 am - 12:00 pm

115 - Essays on Technology - Contest - Outline (B)	Fox Den

11:00 am - 12:00 pm

Special Interest Sessions - Seminar (D) *Parly Pro*	Matterhorn

11:30 am - 11:45 am

203 - Audio Podcasting - Semi-finalist Instructions (C)	Laurel

Middle School Events

PA - Digital Video Challenge				
Directions	Wed	8:15 PM	8:30 PM	Fox Den
Entry submission	Fri	7:00 AM	9:30 AM	Online Submission
PA - Logo Design				
EARLY SUBMISSION	4/9 to 4/16/25			Pre-Conference
Check-in *physical display set-up*	Wed	6:30 PM	8:00 PM	Winterberry
Pick-up	Fri	5:30 PM	7:00 PM	Winterberry
PA - Materials Process				
EARLY SUBMISSION	4/9 to 4/16/25			Pre-Conference
Check-in *physical display set-up*	Wed	6:30 PM	8:00 PM	Winterberry
Semi-finalist Interviews	Thu	3:00 PM	6:00 PM	Winterberry
Pick-up	Fri	5:30 PM	7:00 PM	Winterberry
PA - Pin Design				
EARLY SUBMISSION	4/9 to 4/16/25			Pre-Conference
PA - R/C Off-Road Racing				
EARLY SUBMISSION	4/9 to 4/16/25			Pre-Conference
Check-in *car drop-off*	Thu	9:30 AM	10:30 AM	Grand Ballroom
Track Set-up	Thu	7:00 PM	8:00 PM	Grand Ballroom
Races	Fri	8:00 AM	12:00 PM	O Grand Ballroom
Pick Up	Fri	3:30 PM	4:30 PM	Grand Ballroom
PA - Robotics				
Practice	Thu	7:00 PM	9:00 PM	O Timberstone
Drop-off	Fri	1:00 PM	1:30 PM	Timberstone
Drop off engineering journal; select time for demonstration				
Competition	Fri	1:30 PM	3:00 PM	O Timberstone
PA - Safety Illustration				
EARLY SUBMISSION	4/9 to 4/16/25			Pre-Conference
PA - Snapshot				
EARLY SUBMISSION	4/9 to 4/16/25			Pre-Conference
PA - TSA VEX				
Competition	Thu	6:00 PM	9:00 PM	O Timberstone

High School Events

Animatronics

Event	Day	Start	End	Location
Sign-up	Wed	6:00 PM	8:00 PM	Online Sign Up
Presentations	Thu	3:00 PM	6:00 PM	Winterberry
Pick-up	Fri	5:30 PM	7:00 PM	Winterberry

Architectural Design

Event	Day	Start	End	Location
EARLY SUBMISSION	4/9 to 4/16/25			Pre-Conference
Check-in — model drop-off	Wed	5:00 PM	6:30 PM	Winterberry
Semi-finalist Interviews	Thu	3:00 PM	6:00 PM	Winterberry
Pick-up	Fri	5:30 PM	7:00 PM	Winterberry

Audio Podcasting

Event	Day	Start	End	Location
EARLY SUBMISSION	4/9 to 4/16/25			Pre-Conference
Semi-finalist Instructions	Thu	11:30 AM	11:45 AM	Laurel
Semi-finalist submission	Fri	12:00 PM	12:30 PM	Online Submission

Biotechnology Design

Event	Day	Start	End	Location
Check-in	Wed	5:00 PM	6:30 PM	Winterberry
Semi-finalist Interviews	Thu	3:00 PM	6:00 PM	Winterberry
Pick-up	Fri	5:30 PM	7:00 PM	Winterberry

Board Game Design

Event	Day	Start	End	Location
Check-in	Wed	5:00 PM	6:30 PM	Winterberry
Semi-finalist Interviews	Thu	3:00 PM	6:00 PM	Winterberry
Pick-up	Fri	5:30 PM	7:00 PM	Winterberry

Chapter Team

Event	Day	Start	End	Location
TESTING 5-9PM on Wed, 9:30-11AM on Thurs	Wed or Thur			Sunburst/Snowflake
Finals	Thu	4:00 PM	8:00 PM	Chestnut
Holding	Thu	4:00 PM	8:00 PM	Evergreen
Prep — Secretary Minutes	Thu	4:00 PM	8:00 PM	Evergreen

Children's Stories

Event	Day	Start	End	Location
Check-in	Wed	5:00 PM	6:30 PM	Winterberry
Semi-finalist Interviews	Fri	9:00 AM	12:00 PM	Dogwood
Pick-up	Fri	5:30 PM	7:00 PM	Winterberry

Coding

Event	Day	Start	End	Location
TESTING 5-9PM on Wed, 9:30-11AM on Thurs	Wed or Thur			
Contest	Thu	6:00 PM	9:00 PM	Alpine

Computer-Aided Design (CAD) Architecture

Event	Day	Start	End	Location
Set-up	Fri	7:00 AM	7:45 AM	Alpine
Contest	Fri	12:30 PM	5:00 PM	Alpine
Pick-up	Fri	5:00 PM	6:00 PM	Alpine

Computer-Aided Design (CAD) Engineering

Event	Day	Start	End	Location
Set-up	Fri	7:00 AM	7:45 AM	Alpine
Contest	Fri	8:00 AM	11:30 AM	Alpine
Pick-up	Fri	5:00 PM	6:00 PM	Alpine

Data Science and Analytics

Event	Day	Start	End	Location
EARLY SUBMISSION	4/9 to 4/16/25			Pre-Conference
Semi-finalist Interviews	Fri	9:00 AM	12:00 PM	Ski Lodge - Foggy

Debating Technological Issues

Event	Day	Start	End	Location
Sign-up	Wed	6:00 PM	8:00 PM	Online Sign Up
Heats	Thu	12:00 PM	2:30 PM	Chestnut/Dogwood
Pro/Con	Thu	12:00 PM	2:30 PM	Chestnut/Dogwood

---

124 - Microcontroller Design - Check-in (D)		Winterberry
125 - Off the Grid - Check-in (D)		Winterberry
155 - PA - Logo Design - Check-in (D) *physical display set-up*		Winterberry
156 - PA - Materials Process - Check-in (D) *physical display set-up*		Winterberry

7:00 pm - 7:15 pm

135 - Vlogging - Semifinalist Directions (C)	Seasons #2

7:00 pm - 8:00 pm

113 - Dragster - Check-in (D)	Grand Ballroom
151 - PA - BattleBots - Check-in (D)	Seasons #2 & #3
215 - Drone Challenge (UAV) - Check-in *sign up for testing time*	Grand Ballroom
251 - PA - BattleBots - Check-in (D)	Seasons #2 & #3
Special Interest Sessions - Seminar *Karaoke Night*	Exhibit Hall

8:00 pm - 8:15 pm

133 - Technical Design - Directions (C)	Laurel
225 - On Demand Video - Directions (C)	Fox Den

8:00 pm - 8:30 pm

230 - Sr Solar Sprint - Check-in (C)	Ski Lodge

8:15 pm - 8:30 pm

154 - PA - Digital Video Challenge - Directions (C)	Fox Den

8:30 pm - 9:00 pm

252 - PA - Cybersecurity - Directions (C)	Grand Ballroom

9:30 pm - 10:00 pm

Candidate Speeches - Meeting (D) *Meeting for Candidates Only*	Exhibit Hall

10:30 pm - 11:00 pm

Chapter Meetings - Meeting (D)	Advisor's Room

11:00 pm - 7:00 am

Quiet Hours - Quiet Hours *ALL PARTICIPANTS - LIGHTS OUT!*	Hotel

Program of Activities
Wednesday, April 23, 2025

1:00 pm - 4:00 pm	
Facilities - Conference Administration (D)	Slopeside
State Conference Planning Team Check-in/State Officer Work Session	

3:00 pm - 10:00 pm	
Facilities - Hotel Check-in (D)	Hotel

4:00 pm - 7:00 pm	
Facilities - Chapter Registration (D)	Exhibit Hall
Registration moves to Wintergreen @ 6:30PM	

5:00 pm - 6:30 pm	
202 - Architectural Design - Check-in (D)	Winterberry
model drop-off	
204 - Biotechnology Design - Check-in (D)	Winterberry
205 - Board Game Design - Check-in (D)	Winterberry
207 - Children's Stories - Check-in (D)	Winterberry
216 - Engineering Design - Check-in (D)	Winterberry
218 - Fashion Design & Tech - Check-in (D)	Winterberry
222 - Geospatial Technology - Check-in	Winterberry
visual infographic setup	
223 - Manufacturing Prototype - Check-in (C)	Winterberry
228 - Promotional Design - Check-in (D)	Winterberry
237 - Transportation Modeling - Check-in (D)	Winterberry
239 - Virtual Reality Simulation (VR) - Check-in	Winterberry
253 - PA - Logo Design - Check-in (D)	Winterberry
physical display set-up	
254 - PA - Materials Process - Check-in (D)	Winterberry
physical display set-up	

5:00 pm - 9:00 pm	
Testing - TESTING WINDOW 1	Sunburst/Snowflake

6:00 pm - 7:00 pm	
214 - Dragster Design - Check-in (D)	Grand Ballroom

6:00 pm - 8:00 pm	
103 - Challenging Tech Issues - Sign-up (D)	Online Sign Up
120 - Leadership Strategies - Sign-up (D)	Online Sign Up
124 - Microcontroller Design - Sign-up	Online Sign Up
126 - Prepared Speech - Sign-up (D)	Online Sign Up
201 - Animatronics - Sign-up (D)	Online Sign Up
212 - Debating Tech Issues - Sign-up (D)	Online Sign Up
217 - Extemp Speech - Sign-up (D)	Online Sign Up
227 - Prepared Presentation - Sign-up (D)	Online Sign Up
231 - Software Development - Sign-up (D)	Online Sign Up
Advisor Meeting - Meeting	Matterhorn
TEEAP Social - advisors only	

6:30 pm - 8:00 pm	
101 - Biotechnology - Check-in (D)	Winterberry
105 - Children's Stories - Check-in (D)	Winterberry
109 - Construction Challenge - Check-in (D)	Winterberry
111 - Data Science & Analytics - Check-in (D)	Winterberry
118 - Inventions & Innovations - Check-in (D)	Winterberry
121 - Mass Production - Check-in (D)	Winterberry
123 - Medical Tech - Check-in (D)	Winterberry

High School Events

Finals	Fri	3:00 PM	5:00 PM	O	Seasons #1
Holding	Fri	3:00 PM	5:00 PM		Sunburst
Pro/Con	Fri	3:00 PM	5:00 PM		Seasons #1
Digital Video Production					
EARLY SUBMISSION	4/9 to 4/16/25				Pre-Conference
Semi-finalist Interviews	Fri	9:00 AM	12:00 PM		Ski Lodge - Foggy
Dragster Design					
Check-in	Wed	6:00 PM	7:00 PM		Grand Ballroom
Races	Thu	9:30 AM	5:00 PM	O	Grand Ballroom
Pick-up	Thu	5:00 PM	6:00 PM		Grand Ballroom
Semi-finalist Interviews	Fri	9:00 AM	12:00 PM		Hemlock
Drone Challenge (UAV)					
Check-in	Wed	7:00 PM	8:00 PM		Grand Ballroom
sign up for testing time					
Drone Testing	Thu	9:30 AM		Y	Grand Ballroom
Pick-up	Thu	5:00 PM	6:00 PM		Grand Ballroom
Semi-finalist Interviews	Fri	9:00 AM	11:00 AM		Hemlock
Engineering Design					
Check-in	Wed	5:00 PM	6:30 PM		Winterberry
Semi-finalist Interviews	Thu	3:00 PM	6:00 PM		Winterberry
Pick-up	Fri	5:30 PM	7:00 PM		Winterberry
Extemporaneous Speech					
Sign-up	Wed	6:00 PM	8:00 PM		Online Sign Up
Contest	Fri	8:00 AM	11:30 AM		Seasons #2
Holding	Fri	8:00 AM	5:00 PM		Sunburst
Prep	Fri	8:00 AM	5:00 PM		Snowflake
Contest	Fri	1:00 PM	5:00 PM		Seasons #2
Fashion Design and Technology					
Check-in	Wed	5:00 PM	6:30 PM		Winterberry
Finals	Thu	7:00 PM	7:15 PM		Exhibit Hall
semi-finalists drop off music; receive instructions					
Finals	Thu	7:15 PM	7:45 PM		Winterberry
semi-finalists pick up designs, report to Exhibit Hall					
Finals	Thu	8:00 PM	9:30 PM	O	Exhibit Hall
Flight Endurance					
Contest	Thu	3:00 PM	5:30 PM	O	Grand Ballroom
Pick-up	Thu	6:00 PM	6:30 PM		Grand Ballroom
Forensic Science					
TESTING	Wed or Thur				Sunburst/Snowflake
5-9PM on Wed, 9:30-11AM on Thurs					
Semi-finals	Fri	12:30 PM	4:00 PM		Dogwood
Semi-finals - report write-up	Fri	12:30 PM	4:00 PM		Evergreen
Future Technology & Engineering Teacher					
EARLY SUBMISSION	4/9 to 4/16/25				Pre-Conference
Semi-finals	Fri	9:00 AM	12:00 PM		Seasons #1
Geospatial Technology					
EARLY SUBMISSION	4/9 to 4/16/25				Pre-Conference
Check-in	Wed	5:00 PM	6:30 PM		Winterberry
visual infographic setup					
Semi-finalist Interviews	Thu	3:00 PM	6:00 PM		Winterberry
Manufacturing Prototype					
Check-in	Wed	5:00 PM	6:30 PM		Winterberry
Semi-finalist Interviews	Thu	3:00 PM	6:00 PM		Winterberry

Activity	Day	Start	End		Location
Pick-up	Fri	5:30 PM	7:00 PM		Winterberry

Music Production

Activity	Day	Start	End		Location
EARLY SUBMISSION	4/9 to 4/16/25				Pre-Conference
Semi-finalist Interviews	Fri	9:00 AM	12:00 PM		Ski Lodge - Foggy

On Demand Video

Activity	Day	Start	End		Location
Directions	Wed	8:00 PM	8:15 PM		Fox Den
Entry submission	Fri	7:00 AM	9:30 AM		Online Submission

Photographic Technology

Activity	Day	Start	End		Location
EARLY SUBMISSION	4/9 to 4/16/25				Pre-Conference
Semi-finalist Instructions	Thu	11:30 AM	11:45 AM		Hemlock
Semi-finalist Presentation	Fri	2:00 PM	5:00 PM		Laurel

Prepared Presentation

Activity	Day	Start	End		Location
Sign-up	Wed	6:00 PM	8:00 PM		Online Sign Up
Contest	Fri	8:00 AM	11:30 AM		Seasons #3
Holding	Fri	8:00 AM	5:00 PM		Sunburst
Contest	Fri	1:00 PM	5:00 PM		Seasons #3

Promotional Design

Activity	Day	Start	End		Location
Check-in	Wed	5:00 PM	6:30 PM		Winterberry
Semi-finalist Contest	Thu	2:00 PM	5:00 PM		Alpine
Pick-up	Fri	5:30 PM	7:00 PM		Winterberry

Robotics

Activity	Day	Start	End		Location
Practice	Thu	7:00 PM	9:00 PM	Y	Timberstone
Sign-up	Fri	9:30 AM	10:00 AM	Y	Timberstone
Competition	Fri	10:00 AM	12:00 PM	Y	Timberstone

Senior Solar Sprint

Activity	Day	Start	End		Location
Check-in	Wed	8:00 PM	8:30 PM		Ski Lodge
Time Trials	Thu	12:00 PM	1:30 PM	Y	Ski Lodge
Semi-finals	Thu	3:00 PM	4:30 PM	Y	Ski Lodge
Pick-up	Thu	5:00 PM	6:00 PM		Ski Lodge

Software Development

Activity	Day	Start	End		Location
EARLY SUBMISSION	4/9 to 4/16/25				
Sign-up	Wed	6:00 PM	8:00 PM		Online Sign Up
Presentations	Fri	9:00 AM	12:00 PM		Ski Lodge - Foggy
Judging	4/16 to 4/23/25				

STEM Mass Media

Activity	Day	Start	End		Location
EARLY SUBMISSION	4/9 to 4/16/25				
Semifinal Contest	Thu	2:30 PM	3:30 PM		Snowflake
Entry submssion	Fri	3:00 PM	3:30 PM		Online Submission

Structural Design & Engineering

Activity	Day	Start	End		Location
Drop-off _pre-built structures_	Thu	10:00 AM	11:00 AM	O	Ski Lodge - Maple
Testing _pre-built structures_	Thu	2:00 PM		O	Ski Lodge - Maple
Construction _semi-finalists only_	Thu	7:00 PM	10:00 PM		Ski Lodge - Maple
Testing _semi-finalist structures_	Fri	10:00 AM	12:00 PM	O	Ski Lodge - Maple

System Control Technology

Activity	Day	Start	End		Location
Contest	Thu	9:30 AM	12:30 PM		Timberstone
Pick-up	Thu	2:30 PM	3:00 PM		Timberstone

Technology Bowl

Activity	Day				Location
TESTING	Wed or Thur				Sunburst/Snowflake

5-9PM on Wed, 9:30-11AM on Thurs

Activity	Day	Start	End		Location
Semi-finals	Thu	8:00 PM	10:30 PM	O	Sunburst
Holding	Thu	8:00 PM	10:30 PM		Hemlock

Technology Problem Solving

Activity	Day	Start	End		Location
Contest	Fri	1:30 PM	5:30 PM		Ski Lodge

Transportation Modeling

Activity	Day	Start	End		Location
Check-in	Wed	5:00 PM	6:30 PM		Winterberry
Semi-finalist Interviews	Thu	3:00 PM	6:00 PM		Winterberry
Pick-up	Fri	5:30 PM	7:00 PM		Winterberry

Video Game Design

Activity	Day	Start	End		Location
EARLY SUBMISSION	4/9 to 4/16/25				Pre-Conference
Semi-finalist Interviews	Fri	9:00 AM	12:00 PM		Ski Lodge - Foggy

Virtual Reality Simulation (VR)

Activity	Day	Start	End		Location
Check-in	Wed	5:00 PM	6:30 PM		Winterberry
Semi-finalist Interviews	Thu	3:00 PM	6:00 PM		Winterberry
Pick-up	Fri	5:30 PM	7:00 PM		Winterberry

Webmaster

Activity	Day	Start	End		Location
EARLY SUBMISSION	4/9 to 4/16/25				Pre-Conference
Semi-finalist Interviews	Fri	9:00 AM	12:00 PM		Ski Lodge - Foggy

PA - BattleBots

Activity	Day	Start	End		Location
Check-in	Wed	7:00 PM	8:00 PM		Seasons #2 & #3
Pick-up	Thu	6:30 PM	6:45 PM		Seasons #2 & #3

Students move robots to Grand Ballroom

Activity	Day	Start	End		Location
Safety Inspections	Thu	7:00 PM	9:00 PM		Grand Ballroom
Contest	Fri	8:30 AM	2:00 PM	Y	Grand Ballroom

PA - Cybersecurity

Activity	Day	Start	End		Location
Directions	Wed	8:30 PM	9:00 PM		Grand Ballroom

PA - Logo Design

Activity	Day	Start	End		Location
EARLY SUBMISSION	4/9 to 4/16/25				Pre-Conference
Check-in _physical display set-up_	Wed	5:00 PM	6:30 PM		Winterberry
Pick-up	Fri	5:30 PM	7:00 PM		Winterberry

PA - Materials Process

Activity	Day	Start	End		Location
EARLY SUBMISSION	4/9 to 4/16/25				Pre-Conference
Check-in _physical display set-up_	Wed	5:00 PM	6:30 PM		Winterberry
Semi-finalist Interviews	Thu	3:00 PM	6:00 PM		Winterberry
Pick-up	Fri	5:30 PM	7:00 PM		Winterberry

PA - Medical Technology

Activity	Day				Location
EARLY SUBMISSION	4/9 to 4/16/25				
Judging	4/16 to 4/23/25				

PA - Pin Design

Activity	Day				Location
EARLY SUBMISSION	4/9 to 4/16/25				

PA - R.C. Off-Road Racing

Activity	Day	Start	End		Location
EARLY SUBMISSION	4/9 to 4/16/25				Pre-Conference
Check-in _car drop-off_	Thu	9:30 AM	10:30 AM		Grand Ballroom
Track Set-up	Thu	7:00 PM	8:00 PM		Grand Ballroom
Races	Fri	8:00 AM	12:00 PM	O	Grand Ballroom

PA - Safety Illustration

Activity	Day				Location
EARLY SUBMISSION	4/9 to 4/16/25				Pre-Conference