

Virginia TSA Fall Competitive Events Addendum

*For Use at the 2022 Virginia TSA
Fall Competitive Events*

*An Addendum to the National TSA
2022-2023*

Middle School Guidelines

AND the National TSA

2023-2024

High School Guidelines



Virginia TSA Fall Events

Virginia TSA is pleased to announce its competitive events plan for the fall of 2022. With the success of fall events during the fall of 2020 and again in the fall of 2021, Virginia TSA has decided to run fall events again this year. The fall events will take place in November with their culmination happening at Leadership Academy at Camp Piankatank on November 18-20.

The list of Middle School events include: *Career Prep, Digital Photography, Dragster, Essays on Technology, Flight, Prepared Speech, Promotional Marketing, STEM Animation and Structural Engineering.*

The list of High School events include: *Digital Video Production, Dragster Design, Essays on Technology, Extemporaneous Speech, Music Production, Photographic Technology, Prepared Presentation, Promotional Design, and Structural Design and Engineering.*

There will need to be at least 10 entries registered in an event for it to take place in the fall. So, get your students going early this year so these events happen and we can continue doing this each year.

All of these event winners will qualify for Technosphere next May 4 – May 7, 2023, just like those winners in the upcoming 2023 spring Regional Fairs across the state. With this, students will have two opportunities to qualify for state in the above-mentioned events. The schedule for these events is listed in the below addendum. The top five in each fall event qualify for Technosphere 2023. Trophies will be awarded to the top three finishers in each event on November 20th as part of Leadership Academy's closing session. Registration deadline for Leadership Academy and the fall events will be on November 1, 2022. Registration will open on October 10, 2022.

Price points: Competing and/or Attending Leadership Academy \$130

Competing and not attending Leadership \$20

All fall events in this addendum will use the current year's national middle and high school guides. Must be affiliated to access guide.

Good Luck!

**Virginia TSA 2021 Fall Events Addendum
MIDDLE and HIGH SCHOOL PROGRAM**

9/15/2022

MIDDLE SCHOOL

CODE	EVENT	NOTES	
MS	Career Prep	Three individual entries per chapter, one entry per individual	Design and produce a cover letter and a chronological or skills resume based on research. See National Themes and Problems (http://tsaweb.org/Themes-and-Problems) for Career Clusters. No semifinalist interview portion at Fall Competitive Events. Students will be able to upload their PDF submission into the judges system by 6 PM. On 11/15/2022. Students get their username and password for the judges' system from their advisors.
MS	DigitalPhotography	Three individual entries per chapter, one entry per individual	Participants produce a digital photographic portfolio that represents or relates to a chosen theme posted on the National TSA website at http://tsaweb.org/Themes-and-Problems (No semifinalist portion will be held at the Fall Competitive Event.) Students will be able to upload their PDF submission into the judges system by 6 PM. on 11/15/2022. Students get their username and password for the judges system from their advisors.
MS	Dragster	Three individual entries per chapter, one entry per individual	Design and produce a fast CO ² powered dragster according to stated specifications and using only certain specific materials. For this event, use the competitive event guide for specifications. See National Themes and Problems (http://tsaweb.org/Themes-and-Problems) for any changes to specifications. Dragsters not meeting building tolerances specified in the national Total TSA Guide shall be disqualified and will NOT be raced. No semifinalist interview at Fall competitive events. Cars will be judged and raced on Saturday, November 19, 2022 at Leadership Academy.
MS	Essays on Technology	Three individual entries per chapter, one entry per individual	Participants conduct research in specified subtopics of a broader technological area, using the knowledge and resources gained through that research. Each participant turns in a comprehensive detailed outline. The subtopic will be released on November 15, 2022 at 6 PM and the outline will need to be uploaded as a PDF in the judges system by 7 PM. Students get their username and password for the judges system from their advisors. The topic for the 2022 conference is located at: http://tsaweb.org/Themes-and-Problems There will be no Semi-Finalist Portion at the fall competitive event.
MS	Flight	Three individual entries per chapter, one entry per individual	Participants study the principles of flight and design in order to fabricate a glider that stays in flight for the greatest elapsed time. Planes will be flown on Saturday, November 19, 2022 at Camp Piankatank outside during the morning. Exact time to be announced.
MS	PreparedSpeech	Three individual entries per chapter, one entry per individual	Participants deliver an oral presentation that reflects the theme of the current conference. The theme for 2023 is: A Legacy of Innovation. A video of the speech entry will be due by 6 PM on 11/15/2022 to the judges system. Students get their username and password

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CODE	EVENT	NOTES
		for the judges system from their advisors. There will be no Semi-Finalist Portion at the fall competitive event.
MS	Promotional Marketing	Three individual entries per chapter, one entry per individual Participants complete a marketing portfolio based on the current year's theme. The topic for the 2023 conference is located at: http://tsaweb.org/Themes-and-Problems A pdf of the three items in the marketing tool kit will be uploaded to the judges system by 6 PM. on 11/15/2022. Students get their username and password for the judges system from their advisors. There will be no Semi-Finalist Portion at the fall competitive event.
MS	STEM Animation	Three teams per chapter, 1-6 members per team, one entry per team Participants use computer graphic tools and design processes to communicate, inform, analyze and/or illustrate a topic, idea, subject or concept. (No semifinalist portion will be held at the fall competitive event.) STEM Animations must be turned in to the judges system by 6 P.M. on 11/15/2022. Students get their username and password for the judges system from their advisors.
MS	Structural Engineering	Three teams per chapter, 2 members per team, one entry per team Participants apply the principles of structural design and engineering through research, design, construction, destructive testing, and assessment to determine the efficiency of a structure. Use the Design brief located on the National TSA website under themes and problems. Structures will be judged the morning of November 19, 2022 at Camp Piankatank as part of Leadership Academy.
HIGH SCHOOL		
HS	Digital Video Production	Three team entries per chapter, 2-8 members per team, one entry per team Participants develop a digital video/film that focuses on the given year's theme. The theme for 2023 is <i>Promote a Good Cause in your Community</i> . Videos will be submitted to the judges system by 6 P.M. on 11/15/2022. Students get their username and password for the judges system from their advisors. (No semifinalist portion will be held at the Fall Competitive Event.)
HS	Dragster Design	Three individual entries per chapter, one entry per individual Design and produce a fast CO ² powered dragster according to stated national specifications and using only certain specific materials. For this event, use the competitive event guide for specifications. See National Themes and Problems (http://tsaweb.org/Themes-and-Problems) for any changes to specifications. Dragsters not meeting building tolerances specified in the Total TSA Guide shall be disqualified and will NOT be raced. No semifinalist interview at Fall competitive events. Cars will be judged and raced on Saturday, November 19, 2022 at Leadership Academy.
HS	Essays on Technology	Three individual entries per chapter, one entry per individual Participants will write a synthesis essay to make insightful connections based on a current technological topic. Participants will be provided with a prompt and a series of two (2) or more articles on a current technological topic. The prompt will be provided on November 15, 2022 at 7 PM. and the essay will need to be uploaded as a PDF in the judges system by 9:30 PM. Students get their username and password for the judges system from their advisors.

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CODE	EVENT	NOTES	
HS	Extemporaneous Speech	Three individual entries per chapter, one entry per individual	Participants give a three to five (3-5) minute speech on a topic provided. Students will compete in this event through the judges system on November 15, 2022 at 8 P.M. The Prompt will be in the judges system at that time and then participants will have a total of 30 minutes to film and upload their speech after the 15 minutes prep time allowed with the topic.
HS	Music Production	Three teams per chapter, 2-8 members per team, one entry per team	Participants produce an original musical piece that is designed to be played during the national TSA conference opening or closing general session. Participants will upload their projects to the judges system by 6 P.M. on 11/15/2022. Students get their username and password for the judges system from their advisors. No semifinalist interview portion at Fall Competitive event. Copyright and documentation should be submitted in the format listed in the National guide under documentation portfolio.
HS	Photographic Technology	Three individual entries per chapter, one entry per individual	Participants capture images and process photographic and digital prints that depict the current year's theme. The theme for 2023 is one or all of the four elements of nature. Participants will use elements of nature for their inspiration in their photographic portfolio. No semifinalist portion at fall competitive event. Submissions, in PDF format, for this event will be uploaded to the judges system by 6 P.M. on 11/15/2022. Students get their username and password for the judges system from their advisors.
HS	Prepared Presentation	Three individual entries per chapter, one entry per individual	Participants deliver an oral presentation, using a digital slide deck, on a topic that will be posted on the National website under themes and problems. Students will upload their presentation to the judges system by 6 PM on 11/15/2022.
HS	Promotional Design	Three individual entries per chapter, one entry per individual	Participants use computerized graphic communication layout and design skills in the production of a promotional resource for TSA. Items that need to be finished based on the instructions from the National website under themes and problems will be uploaded to the judges system by 6 PM on 11/15/2022. Students get their username and password for the judges system from their advisors. No Semifinalist portion at fall competitive events.
HS	Structural Design and Engineering	Three teams per chapter, Two members per team, one entry per team	Participants apply the principles of structural design and engineering through research, design, construction, destructive testing, and assessment to determine the efficiency of a structure. Structures will be tested on Saturday morning, November 19, 2022 at Camp Piankatank as part of Leadership Academy. The problem statement can be found on the National website under themes and problems.