



# Missouri TSA 2024 State Championships Conference

## Missouri TSA High School Competitive Events Event Eligibility

Level	Event	Eligibility	Event Type	Portfolio	Online Exam	Timed Challenge/	Display	Model/Entry	Presentation/Interview	Online Pre-	Category
HS	Animatronics	Three [3] teams per chapter	Team					X	X		Model/Entry; Presentation
HS	Architectural Design	Three (3) teams per chapter individual entries are permitted	Team/Individual	X				X	X	X	Portfolio; Model/Entry; Presentation/Interview
HS	Audio Podcasting	Three [3] teams per chapter	Team/Individual			X			X	X	Timed Challenge/ Demonstration; Presentation/ Interview; Pre-submission
HS	Biotechnology Design	Three [3] teams per chapter	Team	X			X	X	X	X	Portfolio; Display; Model/ Entry [optional]; Presentation/ Interview
HS	Board Game Design	Three [3] teams per chapter	Team	X		X		X	X		Portfolio; Timed Challenge; Model/Entry; Interview
HS	CAD Architecture	Two [2] individuals per chapter	Individual			X					Timed Challenge
HS	CAD Engineering	Two [2] individuals per chapter	Individual			X					Timed Challenge
HS	Chapter Team	Two [2] teams of six [6] individuals per chapter	Team		X	X					Online Exam; Demonstration
HS	Children's Stories	Three [3] entries per chapter; individuals entries are permitted	Team/Individual	X		X		X	X		Portfolio; Demonstration;; Model/Entry; Presentation
HS	Coding	Two [2] teams of two [2] individuals per chapter; Individual entries are permitted	Team/Individual		X	X					Timed Challenge
HS	Cybersecurity (State Only)	Open, outside vendor [\$30/individual + MO Registration Fees]	Team			X					Timed Challenge
HS	Data Science and Analytics	Three [3] teams of two [2] individuals per chapter; individual entries are permitted	Team/Individual	X		X		X	X		Portfolio; Timed Challenge; Model/Entry; Presentation
HS	Debating Technological Issues	Three [3] teams of two [2] individuals per chapter	Team			X					Timed Challenge
HS	Digital Video Production	Three [3] teams per chapter individual entries are permitted	Team/Individual	X				X	X	X	Portfolio; Model/Entry; Presentation
HS	Dragster Design	Two [2] individuals per chapter	Individual	X		X		X	X		Portfolio [drawings]; Timed Challenge; Model/Entry; Interview
HS	Drone Challenge (UAV)	Three [3] teams of two [2] to six [6] members				X		X	X		Timed Challenge/ Demonstration; Model/Entry; Presentation/ Interview
HS	Engineering Design	Three [3] teams of three [3] or more per chapter	Team	X			X	X	X		Portfolio; Display; Model/ Entry; Presentation/Interview
HS	Essays on Technology	Three [3] individuals per chapter	Individual			X					Timed Challenge
HS	Extemporaneous Speech	Three [3] individuals per chapter	Individual			X					Timed Challenge

### Competitive General Rules:

**B.6.c.** Unless otherwise designated in a competition's eligibility guideline, the maximum size of a team is six [6] members. Unless the rules for a team event states that individuals are eligible to compete, the minimum of team participants is two.



# Missouri TSA 2024 State Championships Conference

## Missouri TSA High School Competitive Events Event Eligibility

Level	Event	Eligibility	Event Type	Portfolio	Online Exam	Timed Challenge/ Demonstration	Display	Model/Entry	Presentation/ Interview	Online Pre-	Category
HS	Fashion Design and Technology	Five [5] teams of two to four [2-4] individuals per chapter	Team	X				X	X		Portfolio; Model/Entry; Presentation
HS	Flight Endurance	Two [2] individuals per chapter	Individual	X		X		X			Portfolio; Model/Entry; Timed Challenge
HS	Forensic Science	Three [3] team of two [2] individuals per chapter	Team		X	X					Online Exam; Timed Challenge
HS	Future Technology and Engineering Teacher	Three [3] individuals per chapter	Individual					X	X	X	Model/Entry; Presentation
HS	Geospatial Technology	One [1] team of no more than three [3] individuals per chapter	Team	X		X	X		X	X	Portfolio; Timed Challenge; Model/Entry; Presentation
HS	Manufacturing Prototype	Three [3] teams per chapter	Team	X				X	X		Portfolio; Model/Entry; Presentation
HS	Music Production	Three [3] teams per chapter individual entries are permitted	Team/Individual	X				X	X	X	Portfolio; Model/Entry; Interview
HS	NAO Robotics	Three [3] teams per chapter	Team								Challenge
HS	On Demand Video	Three [3] teams per chapter	Team			X					Timed Challenge
HS	Photographic Technology	Five [5] individuals per chapter	Individual	X		X			X	X	Portfolio; Timed Challenge; Interview
HS	Pin Design (State Only)	Two [2] Entries per Chapter	Team/Individual					X		X	Design Entry
HS	Prepared Presentation	Three [3] individuals per chapter	Individual						X		Presentation
HS	Promotional Design	Three [3] individuals per chapter	Individual	X		X					Portfolio; Timed Challenge
HS	Senior Solar Sprint (SSS)	two [2] teams of two to four [2-4] per chapter	Team	X				X	X		Portfolio; Model/Entry; Interview
HS	Software Development	Three [3] teams per chapter	Team			X		X			Model/Entry; Demonstration
HS	Structural Design and Engineering	Three [3] teams of two [2] individuals per chapter	Team	X		X		X			Portfolio; Timed Challenge; Model/Entry
HS	System Control Technology	Two [2] teams of three [3] individuals per chapter	Team			X					Timed Challenge
HS	Technology Bowl	Two [2] teams of three [3] individuals per chapter	Team		X	X					Exam; Timed Challenge
HS	T-Shirt Design (State Only)	Two [2] Entries Per chapter	Team/Individual					X		X	Model/Entry
HS	Technology Problem Solving	Three [3] teams of two [2] individuals per chapter	Team			X					Timed Challenge
HS	Transportation Modeling	Three [3] individuals per chapter	Individual	X			X	X	X		Portfolio; Display, Model/Entry; Interview
HS	VEX Robotics	Three [3] teams per chapter	Team								Challenge
HS	Video Game Design	Three [3] teams per chapter	Team	X				X	X	X	Portfolio; Model/Entry; Presentation
HS	Virtual Reality Visualization (VR)	Four [4] teams per chapter; individual entries are permitted	Team/Individual			X			X		Timed Challenge/ Demonstration; Presentation/ Interview
HS	Webmaster	One [1] team per chapter	Team	X				X	X	X	Model/Entry; On-site challenge: presentation