



Missouri TSA 2022 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-submission	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	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; individual 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					Timed Challenge
HS	Computer Integrated Manufacturing (CIM)	Two (2) teams per chapter	Team	X				X	X		Portfolio; Model/Entry; Presentation
HS	Cybersecurity	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	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 2022 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-submission	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	IT Fundamentals+	One [1] individual with a maximum of three (3) individuals per chapter	Individual			X					Online Exam
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	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	Scientific Visualization (SciVis)	Three [3] teams per chapter; individual entries are permitted	Team/ Individual	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	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	Webmaster	One [1] team per chapter	Team	X				X	X	X	Model/Entry; On-site challenge; presentation

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.