



Missouri TSA 2026 State Championships Conference

Missouri TSA Middle School Competitive Events

Event Eligibility

Level	Event	Eligibility	Event Type	Portfolio	Theme/Problem	Online Exam	Timed Challenge/ Demonstration	Display	Model/Entry	Presentation/ Interview	Online Pre-Submission	Category
MS	Audio Podcasting	Four (4) teams per chapter, individual entries are permitted	Team/ Individual		X		X			X	X	Timed Challenge/ Demonstration; Presentation/ Interview; Pre- submission
MS	Biotechnology	Three [3] teams per chapter, consisting of at least [3] individuals	Team	X	X			X		X		Portfolio; Display; Presentation/Interview
MS	CAD Foundations	Two [2] individuals per chapter	Individual				X					Timed Challenge
MS	Career Prep	Five [5] individuals per chapter	Individual	X	X					X	X	Pre- submission; Resume Portfolio; Interview
MS	Challenging Technology Issues	Three [3] teams of two [2] individuals per chapter	Team		X					X		Presentation (Debate Style)
MS	Chapter Team	Two [2] teams of six [6] individuals per chapter	Team			X	X					Online Exam; Demonstration
MS	Children's Stories	Three [3] teams per chapter; individual entries are permitted	Team/ Individual	X	X		X		X	X		Portfolio; Demonstration; Model/Entry; Presentation
MS	Coding	Five [5] teams of two [2] individuals per chapter	Team		X	X	X					Online Exam; Timed Challenge
MS	Community Service Video	Five [5] teams per chapter; individual entries are permitted	Team/ Individual							X	X	Pre-submission; Interview
MS	Construction Challenge	Three [3] teams per chapter of at least two [2] individuals per chapter	Team	X				X	X	X		Portfolio; Display; Model/ Entry; Presentation/Interview
MS	Cybersecurity	Three [3] individuals per chapter	Individual		X	X		X		X		Online Exam; Display; Presentation
MS	Data Science and Analytics	Three [3] teams of two to three [2-3] individuals per chapter	Team	X	X		X	X				Portfolio; Display; Timed Challenge
MS	Digital Photography	Five [5] individuals per chapter	Individual	X	X		X			X	X	Portfolio; Timed Challenge; Presentation
MS	Dragster	Two [2] individuals per chapter	Individual	X	X		X		X	X		Portfolio (drawings); Timed Challenge; Model/Entry; Interview
MS	Drone Challenge (UAV)	Four [4] teams of two [2] per chapter	Team	X	X		X	X	X			Portfolio; Timed Challenge; Display
MS	Electrical Applications	Five [5] teams of two [2] individuals per chapter	Team			X	X					Online Exam; Timed Challenge
MS	Flight	Two [2] individuals per chapter	Individual	X			X		X			Portfolio; Timed Challenge; Model/Entry
MS	Forensic Technology	Four [4] teams of two [2] individuals per chapter	Team		X	X	X					Online Exam; Timed Challenge
MS	Inventions and Innovations	Two [2] teams of at least three [3] individuals per chapter	Team		X			X	X	X		Display; Model/Entry; Presentation



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MS	Leadership Strategies	Three [3] teams of three [3] individuals per chapter	Team				X					Timed Challenge
MS	Mass Production	Three [3] teams of at least three [3] individuals per chapter	Team	X	X				X	X		Portfolio; Model/Entry; Presentation/Interview
MS	Mechanical Engineering	Three [3] teams of two to three [2-3] individuals per chapter	Team	X	X				X	X		Portfolio; Model/Entry; Presentation/Interview
MS	Medical Technology	Three [3] teams per chapter	Team		X			X	X	X		Display; Model/Entry; Portfolio; Presentation/Interview
MS	Microcontroller Design	Three [3] teams per chapter; individual entries are permitted	Team/ Individual	X	X				X	X		Portfolio; Model/Entry; Presentation/Interview
MS	Off the Grid	Three [3] teams per chapter; individual entries are permitted	Team/ Individual	X	X			X	X	X		Portfolio; Display; Model/ Entry; Presentation/Interview
MS	Prepared Speech	Three [3] individuals per chapter	Individual		X		X					Timed Challenge
MS	Problem Solving	Three [3] teams of two [2] individuals per chapter	Team				X					Timed Challenge
MS	Promotional Marketing	Five [5] individuals per chapter	Individual	X	X		X				X	Portfolio; Timed Challenge
MS	Robotics	Three [3] teams per chapter of two to six (2-6) members	Team		X		X					Challenge
MS	Solar Racer	Three [3] teams of two to four [2-4] per chapter	Team	X			X	X	X	X		Portfolio; Timed Challenge: Display; Model/Entry; Interview
MS	STEM Animation	Five [5] teams per chapter	Team	X	X		X		X		X	Portfolio; Model/Entry; Presentation
MS	Structural Engineering	Three [3] teams of two [2] individuals per chapter	Team	X	X	X	X		X			Portfolio; Timed Challenge; Model/Entry
MS	System Control Technology	Three [3] teams of three [3] individuals per chapter	Team				X					Timed Challenge
MS	Tech Bowl	Two [2] teams of three [3] individuals per chapter	Team			X	X					Online Exam; Timed Challenge
MS	Technical Design	Three [3] teams of two [2] individuals per chapter	Team	X	X		X					Portfolio; Timed Challenge
MS	Video Game Design	Five [5] teams of two to six [2-6] individuals per chapter	Team	X					X	X	X	Portfolio; Model/Entry; Interview
MS	Vlogging	Five [5] teams of two to six [2-6] individuals per chapter	Team	X							X	Portfolio; Onsite Challenge
MS	Website Design	Five [5] teams of three to six [3-6] individuals per chapter	Team	X	X				X	X	X	Portfolio; Model/Entry; Interview

Competitive General Rules:



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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.

New event for 2026-2027

MS Audio Podcasting
MS Drone Challenge