

# TSA Competitive Events

## Event Eligibility



+ = optional items

Level	Event	Eligibility	Event Type	Portfolio	Exam	Timed Challenge/ Demonstration	Display	Model/Entry	Presentation/ Interview	Pre-submission	Category
MS	Biotechnology	three [3] teams per state	Team	X			X	+	X		Portfolio; Display; Model/Entry (optional); Presentation
MS	CAD Foundations	two [2] individuals per state	Individual			X					Timed Challenge
MS	Career Prep	one [1] individual per chapter	Individual	X					X	X	Resume Portfolio; Interview
MS	Challenging Technology Issues	three [3] teams of two [2] individuals per state	Team						X		Presentation (Debate Style)
MS	Chapter Team	one [1] team of six [6] individuals per chapter	Team		X	X					Exam; Demonstration
MS	Children's Stories	three [3] teams per state; individual entries are permitted	Team/Individual	X		X		X	X		Portfolio; Demonstration; Model/Entry; Presentation
MS	Coding	one [1] team of two [2] individuals per chapter	Team		X	X					Exam; Timed Challenge
MS	Community Service Video	one [1] team per chapter; individual entries are permitted	Team/Individual					X	X	X	Model/Entry; Interview
MS	Construction Challenge	one [1] team per chapter	Team	X			X	X	X		Portfolio; Display; Model/Entry; Presentation/Interview
MS	Cybersecurity	two [2] individuals per chapter	Individual		X		X		X		Exam; Display; Presentation
MS	Data Analytics	three [3] teams of two to three [2-3] individuals per state	Team	X		X	X				Portfolio; Display; Timed Challenge
MS	Digital Photography	three [3] individuals per state	Individual	X		X			X	X	Portfolio; Timed Challenge; Presentation
MS	Dragster	two [2] individuals per chapter	Individual	X		X		X	X		Portfolio (drawings); Timed Challenge; Model/Entry; Interview
MS	Electrical Applications	one [1] team of two [2] individuals per chapter	Team		X	X					Exam; Timed Challenge
MS	Essays on Technology	three [3] individuals per state	Individual			X					Timed Challenge
MS	Flight	two [2] individuals per chapter	Individual	X		X		X			Portfolio; Timed Challenge; Model/Entry
MS	Forensic Technology	one [1] team of two [2] individuals per chapter	Team		X	X					Exam; Timed Challenge
MS	Foundations of Information Technology (FIT)	two [2] individuals per chapter	Individual		X	X					Exam; Timed Challenge
MS	Inventions and Innovations	one [1] team of at least three [3] individuals per chapter	Team				X	X	X		Display; Model/Entry; Presentation
MS	Junior Solar Sprint	one [1] team of two to four [2-4] per chapter	Team	X		X	X	X	X		Portfolio; Timed Challenge; Display; Model/Entry; Interview

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MS	Leadership Strategies	three [3] teams of three [3] individuals per state	Team			X					Timed Challenge
MS	Mass Production	one [1] team of at least two [2] individuals per chapter	Team	X				X	X		Portfolio; Model/Entry; Presentation/Interview
MS	Mechanical Engineering	one [1] team of at least three [3] individuals per chapter	Team	X				X	X		Portfolio; Model/Entry; Presentation/Interview
MS	Medical Technology	three [3] teams of at least two [2] individuals per state	Team				X	X	X		Display; Model/Entry; Portfolio; Presentation/Interview
MS	Microcontroller Design	one [1] team per chapter; individual entries are permitted	Team/Individual	X				X	X		Portfolio; Model/Entry; Presentation/Interview
MS	Off the Grid	three [3] teams per state; individual entries are permitted	Team/Individual	X			X	X	X		Portfolio; Display; Model/Entry; Presentation/Interview
MS	Prepared Speech	three [3] individuals per state	Individual			X					Timed Challenge
MS	Problem Solving	one [1] team of two [2] individuals per chapter	Team			X					Timed Challenge
MS	Promotional Marketing	one [1] individual per chapter	Individual	X		X				X	Portfolio; Timed Challenge
MS	STEM Animation	three [3] teams per state	Team	X		X		X		X	Portfolio; Model/Entry; Presentation
MS	Structural Engineering	one [1] team of two [2] individuals per chapter	Team	X		X		X			Portfolio; Timed Challenge; Model/Entry
MS	System Control Technology	one [1] team of three [3] individuals per state	Team			X					Timed Challenge
MS	Tech Bowl	one [1] team of three [3] individuals per chapter	Team		X	X					Exam; Timed Challenge
MS	Technical Design	one [1] team of two [2] individuals per chapter	Team	X		X					Portfolio; Timed Challenge
MS	Video Game Design	one [1] team of two to six [2–6] individuals per chapter	Team	X				X	X	X	Portfolio; Model/Entry; Interview
MS	Website Design	one [1] team of three to six [3–6] individuals per chapter	Team	X				X	X	X	Portfolio; Model/Entry; Interview