

TSA Competitive Events

Event Eligibility



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

+ = optional items

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MS	Mass Production	one [1] team of at least two [2] individuals per chapter	Team	X		X		X		Model/Entry; Portfolio; On-site challenge: presentation
MS	Mechanical Engineering	one [1] team of at least three [3] individuals per chapter	Team	X		X		X		Model/Entry; Portfolio; On-site challenge: presentation
MS	Medical Technology	three [3] teams of at least two [2] individuals per state	Team	X		X	X	X		Display; Model/Entry; Portfolio; On-site challenge: presentation
MS	Microcontroller Design	one [1] team per chapter; individual entries are permitted	Team/Individual	X		X		X		Model/Entry; Portfolio; On-site challenge: presentation
MS	Off the Grid	three [3] teams per state; individual entries are permitted	Team/Individual	X		X	X	X		Display; Model/Entry; Portfolio; On-site challenge: presentation
MS	Prepared Speech	three [3] individuals per state	Individual			X				On-site challenge: presentation
MS	Problem Solving	one [1] team of two [2] individuals per chapter	Team			X				On-site challenge: build
MS	Promotional Marketing	one [1] individual per chapter	Individual	X		X			X	Model/Entry; Portfolio; On-site challenge: design
MS	STEM Animation	three [3] teams per state	Team	X		X		X	X	Model/Entry; Portfolio; On-site challenge: presentation
MS	Structural Engineering	one [1] team of two [2] individuals per chapter	Team	X		X		X		Model/Entry; Portfolio; On-site challenge: design and build
MS	System Control Technology	one [1] team of three [3] individuals per state	Team			X				On-site challenge: design and build
MS	Tech Bowl	one [1] team of three [3] individuals per chapter	Team		X	X				Exam; On-site challenge: Q&A
MS	Technical Design	one [1] team of two [2] individuals per chapter	Team	X		X				On-site challenge: design and build
MS	Video Game Design	one [1] team of two to six [2–6] individuals per chapter	Team	X		X		X	X	Model/Entry; Portfolio; On-site challenge: interview
MS	Website Design	one [1] team of three to six [3–6] individuals per chapter	Team	X		X		X	X	Model/Entry; Portfolio; On-site challenge: interview