Missouri TSA 2021 Virtual State Championships Conference

Missouri TSA High School Competitive Events

Event Eligibility

+ = optional items

Level	Event	Eligibility	Event Type	Portfolio	Exam	Timed Challenge/	Display	Model/Entry	Presentation/ Interview	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	Portfolio; Display; Model/Entry (optional); Presentation/Interview
HS	Board Game Design	Three (3) teams per chapter	Team	X		X		X	X	X	Portfolio; Timed Challenge: Model/Entry; Interview
HS	Computer-Aided Design (CAD), Architecture	Five [5] individuals per chapter	Individual			X					Timed Challenge
HS	Computer-Aided Design (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					Exam; Demonstration
HS	Children's Stories	Three [3] entries per chapter; individuals entries are permitted	Team/Individual	X		X		X	X	X	Portfolio; Demonstration;: Model/Entry; Presentation
HS	Coding	Four [4] teams of two [2] individuals per chapter; Individual entries are permitted	Team/Individual			X					Timed Challenge
HS	Computer Integrated Manufacturing (CIM)	Three (3) teams per chapter	Team	X				X	X	X	Portfolio; Model/Entry; Presentation
HS	Cybersecurity	Open, outside vendor, February 27-28, 2021 ($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	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	Five [5] 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

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HS	Fashion Design and Technology	Five [5] teams of two to four [2–4] individuals per chapter	Team	X				X	X	X	Portfolio; Model/Entry; Presentation
HS	Flight Endurance	Five (5) 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					Exam; Timed Challenge
HS	Future Technology 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					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	Five [5] individuals per chapter	Individual	X		X					Portfolio;TimedChallenge
HS	Scientific Visualization (SciVis)	Three [3] teams per chapter; individual entries are permitted	Team/ Individual	X				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