

Essavs on

Technology

Extemporaneous

Speech

Three [3] individuals per chapter

Three [3] individuals per chapter

HS

HS

Missouri TSA 2021 Virtual State Championships Conference

Missouri TSA High School Competitive Events + = optional items Pre-submission Presentation/ Model/Entry **Event Eligibility** Interview Display **Event** Level **Event** Eligibility **Category Type** X HS Team X Model/Entry; Presentation **Animatronics** Three (3) teams per chapter Architectural Three (3) teams per chapter Portfolio; Model/Entry; Team/Indi HS X X X Design Presentation/Interview individual entries are permitted vidual Portfolio; Display; Model/ Entry (optional); Presentation/ Biotechnology HS Three (3) teams per chapter Design Team X X X Interview Portfolio; Timed Challenge: Model/Entry; Interview HS **Board Game Design** X X X Three (3) teams per chapter Team Computer-Aided Five [5] individuals per chapter Design (CAD), HS Individual X **Timed Challenge** Architecture Computer-Aided HS **Timed Challenge** Two [2] individuals per chapter Design (CAD), Individual X Engineering Two [2] teams of six [6] individuals X X HS Chapter Team Team **Exam**; Demonstration per chapter Portfolio; Demonstration;: Three [3] entries per chapter; HS Children's Stories Team/ Model/Entry; Presentation individuals entries are permitted X X X X Individual Four [4] teams of two HS Coding **Timed Challenge** Team/ [2] individuals per chapter; Individual Individual entries are permitted Computer Portfolio; Model/Entry; HS Three (3) teams per chapter Integrated Presentation Team X X Manufacturing (CIM) Open, outside vendor, February 27-28, 2021 HS Cybersecurity Team X Timed Challenge (\$30/individual + MO Registration Fees) Three [3] teams of two [2] Data Science and Portfolio; Timed Challenge; HS individuals per chapter; Team/ X X X Analytics Individual Model/Entry; Presentation individual entries are permitted Debating Three [3] teams of two [2] HS **Timed Challenge** Team X Technological Issues individuals per chapter Digital Video Portfolio; Model/Entry; Three [3] teams per chapter Team/ HS X Presentation individual entries are permitted Individual Production Portfolio (drawings); Timed Challenge; Model/Entry; HS **Dragster Design** Five [5] individuals per chapter Individual X X X Interview Portfolio; Display; Model/ Entry; Presentation/Interview Three [3] teams of three [3] or X HS Engineering Design Team more per chapter

Individual

Individual

X

Timed Challenge

Timed Challenge



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+ = optional items

Event Eligibility					_	Timed Challe Demonstrati	ay	Model/Entry	Presentation Interview	Pre-submiss	
Level	Event	Eligibility	Event Type	Portfolio	Exam	Time	Display	Mode	Prese	Pre-s	Category
HS	Fashion Design and Technology	Five [5] teams of two to four [2–4] individuals per chapter	Team	x				X	X	Χ	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