2018 DELAWARE TECHNOLOGY STUDENT ASSOCIATION STATE CONFERENCE – 2/7/2018 -

2018 TSA Events Planning Chart. Please note that national affiliation is required prior to state contests. Both state and national membership is unified in the registration system. Any chapter that has not affiliated with national TSA prior to the registration deadline will not be able to enter state events. Additionally, space in some events is limited due to capacity restrictions. Affiliate and register early in order to confirm contests. All space for events are reserved on a first come, first served basis until the allotted event space is filled. Events with low enrollment are subject to be cancelled. All awards earned are by score earned and recommendation of judges. Should you have questions, please contact Mike Fitzgerald, TSA State Advisor

Middle School Off Site "Static" Events Emailed to Advisors March 12 @ 8 a.m.	Middle School All "Static" Events Due Saturday, March 17 @ 8 a.m. —Noon Collette Center - Room A	Middle School "Live" Events @ State Fairgrounds TSA State Conference Wednesday, April 25 @ 8 a.m.-5:30 p.m.	Middle School "Live" Events @ State Fairgrounds TSA State Conference Thursday, April 26 @ 8 a.m.-4:30 p.m.
CAD Foundations - (Design Problem) 1-5 individuals **Chapter Team -** (Online Test) 3 teams, 6 members per team **Electrical Applications -** (Online Test) 1-5 individuals **Essays on Technology -** (Topic) 1-3 individuals **Tech Bowl -** (Online Test) 3-30 individuals **TEAM+S (Tests of Engineering Aptitude, Mathematics & Science) – March 3, 2018 @ Brandywine High School** ***Notes:** Online testing is Mar 12-16. All events in Columns 1 & 2 are to be turned in on March 17. Events in columns 3 & 4 are held live. Only the students who are registered for events on April 25-26 are to attend on live days.	**Children's Stories -** 3 teams, 1-6 members per team **Digital Photography -** 1-6 individuals **Pin Design -** 1-3 individuals, *DE Only Event* **Promotional Marketing -** 1-4 individuals **STEM Animation -** 3 teams, 2-6 members per team **Video Game Design -** 3 teams, 2-6 members per team **Website Design -** 3 teams, 3-6 members	**Catapult Design -** 2 teams, 2-4 members per team, *DE Only Event* **Inventions & Innovations –** 2 teams, 3 members per team **Dragster -** 1-12 individuals **Electrical Applications -** 1-5 individuals **Flight -** 1-5 individuals **Mechanical Engineering -** 2 teams, 3-6 members per team **Maglev Vehicles -** 1-5 individuals, *DE Only Event* **Model Rocketry -** 1-5 individuals, *DE Only Event* **PD Wkshop A Tech College Prog & Scholarships -** 1-10 individuals **PD Workshop B** (TBA) - 1-10 individuals **PD Workshop C** Inside the Mind of a College- 1-10 individuals **PD Workshop D** Preparing for National Contests- 1-10 individuals **Problem Solving -** 3 teams, 2 members per team. Tools and materials will be provided **Structural Engineering -** 3 teams, 2 members per team. Tools and materials will be provided. **System Control Technology -** 2 teams, 3 members per team **Tech Bowl -** By, Invitation. Top 3 teams of 3 students in state compete on-site based on test scores **Awards Ceremony**	**Chapter Team -** Top 3 teams of 6 students in state based on test scores **Challenging Technology Issues -** 3 teams, 2 members per team **Junior Solar Sprint (JSS) -** 2 Teams, 2-4 members per team. Vehicle must have detachable solar panel. **Leadership Strategies -** 2 teams, 3 members per team **Prepared Speech -** 1-2 individuals **VEX VRC Robotics**— 2 teams, 3-6 members per team **Awards Ceremony** • **TSA Chapter Excellence** • **Technology Honor Society** • **Dr. Bob Hanson Distinguished Student Award** • **TSA Advisor of the Year Award**

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High School	High School	High School	High School
Off Site "Static" Events **Emailed to Advisors** **March 12 @ 8 a.m.**	**All "Static" Events Due** **Saturday, March 17 @ 8 a.m. —Noon** **Collette Center - Room A**	**"Live" Events @ State Fairgrounds** **TSA State Conference** **Wednesday, April 25 @ 8 a.m.-5:30 p.m.**	**"Live" Events @ State Fairgrounds** **TSA State Conference** **Thursday, April 26 @ 8 a.m.-4:30 p.m.**
CAD 2D, Architecture - (Design Problem) 1-5 individuals **CAD 3D, Engineering -** (Design Problem) 1-5 individuals **Chapter Team** - (Online Test) 3 teams, 6 members per team **Essays on Technology -** (Topic) 1-3 Individuals **Technology Bowl** - (Online Test) 3-30 individuals **TEAM+S (Tests of Engineering Aptitude, Mathematics & Science) – March 3, 2018 @ Brandywine High School** ***Notes:** Online testing is Mar 12-16. All events in Columns 1 & 2 are to be turned in on March 17. Events in columns 3 & 4 are held live. Only the students who are registered for events on April 25-26 are to attend on live days.	**Children's Stories** – 3 teams, 1-6 members per team **Digital Video Production** - 3 teams, 1-6 members per team **Engineering Design** – 3 teams, 3 members per team **Fashion Design and Technology** - 3 teams, 2-4 members **Future Technology Teacher** – 1-3 individuals **Music Production** - 3 teams, 1-6 members per team **Photographic Technology** - 1-4 individuals **Promotional Design** - 1-4 individuals **T- Shirt Design** - 1-3 individuals, *DE Only Event* **Video Game Design -** 3 teams, 2-6 members per team **Webmaster** - 3 teams, 3-5 members	**Architectural Design** - 3 teams, 1-6 members per team **Computer Integrated Manufacturing** – 3 teams, 2 members per team **Dragster Design** - 1-12 individuals **Flight Endurance** - 1-5 individuals **Maglev Vehicles** - 1-5 individuals, *DE Only Event* **Model Rocketry** - 1-5 individuals, *DE Only Event* **On Demand Video**—1 team, 2-6 members per team (judged after conference) **PD Wkshop A Tech College Prog & Scholarships** - 1-10 individuals **PD Workshop B** (TBA) - 1-10 individuals **PD Workshop C** Inside the Mind of a College- 1-10 individuals **PD Workshop D** Preparing for National Contests- 1-10 individuals **Structural Design & Engineering** - 3 teams, 2 members per team. Tools and materials will be provided. Teams must provide photo and Data sheet to judges. **System Control Technology** - 2 teams, 3 members per team **Technology Bowl** - By, Invitation. Top 3 teams of 3 students in state compete on-site based on test scores **Technology Problem Solving** - 3 teams, 2 members per team. Tools and materials will be provided **Awards Ceremony**	**Chapter Team -** Top 3 teams of 6 students in state compete on-site based on test scores **Debating Technological Issues -** 2 teams, 2 members per team **Extemporaneous Speech** - 1-2 individuals **Future Technology Teacher** – Top 5 invited individuals **Prepared Presentation** - 1-3 individuals **VEX VRC Robotics**— 2 teams, 3-6 members per team **Awards Ceremony** • **TSA Chapter Excellence** • **Technology Honor Society** • **Dr. Bob Hanson Distinguished Student Award** • **TSA Advisor of the Year Award**