



Mill Creek High School

Technology Student Association

4400 Braselton Hwy. Hoschton, GA 30548 Phone 678-714-5850 Lab 678-714-5888

2015-2016 **Officer Team**

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Alex Reed

Dear parents,

Your child has expressed an interest in attending this year's Georgia TSA-State Conference in Athens, GA. (March 17-19). The students will miss two days of school (Thursday and Friday) and they will stay both nights at The Graduate Athens. This is an outstanding opportunity for your son or daughter to compete against students from across the state in engineering and architectural related events. **The cost to attend the conference this year will be \$240.00 per student.** Not all meals will be provided as a part of the conference. It is recommended that each student bring an additional \$40-\$50 for snacks, meals, and souvenirs. This is the TSA State Competition and we will only take high-quality entries to represent MCHS-TSA. Details of the events, and rubrics for evaluation of the entries, can be found at www.millcreekHS.com on the TSA page or on the GATSA.org website (when available). If a student is unsure of the event requirements or evaluation criteria, they should speak to Mr. Reed.

Each student who attends will be required to compete in 3-5 different events. Some events are completed on-site and others require advance preparation. In order to attend, each student must complete **at least** ONE event for presentation on 11/18/2015. I have reserved enough space at the Hotel to take a maximum of 16 students this year. These 16 slots will be filled by students who present high quality competitive events for evaluation on 11/18/2015. There will be another progress check towards the end of January before conference payments are posted. Only students that have projects that meet the design specifications stated by the TSA rules and provide a positive representation of the Mill Creek TSA will be allowed to participate. Fewer students will be taken if there are insufficient competitive entries of high quality.

There will be work-days in the engineering lab for students who will be attending the conference. During these work sessions, students are welcome to use the lab, the equipment, ask for assistance from TSA officers, or from me. These work sessions will begin the Thursday following this meeting (10/22). Lab hours will be Tuesday and Thursday from 2:15-3:30 between 10/22 and 11/18. If no students are present in the lab by 2:30, the lab will close for the day. I expect that the majority of your project will be done during these work hours. This is not only an opportunity to use the lab, but it is an opportunity to ask me questions about the rules! Please check with Mr. Reed prior to attending one of these sessions.

It will be the sole responsibility of each parent or guardian to transport their child to and from the 2015 TSA State Conference. This means the student will be dropped off at the Classic Center on Thursday, March 17, 2016 by 7:00 AM. The parent or guardian will also take sole responsibility to pick-up their child no later than 11:30 AM on Saturday, March 19, 2016 from The Graduate Athens. Mill Creek TSA will not assume any responsibility for transportation or the arrangement of carpools! However carpooling is encouraged! Students may not drive other students. Any student who wishes to drive themselves will need to speak with Mr. Reed for permission.

Thank you for allowing your son or daughter to attend this outstanding TSA event. More information will be provided in the future in regards to individual student participation and the payment process. Please complete the bottom of this form and return to me as soon as possible. This form **must** be completed before students can begin working in the Lab on their projects. Attached is a **tentative** list of events.

Student Name: _____

Student ID Number: _____

Student Contact Information (Phone or Email): _____

List of Events Interested in: _____

Alex Reed
Mill Creek High School
TSA Advisor
678-714-5888



<i>High School 15-16 Event Titles</i>	<i>Event Type</i>	<i>Min Memb</i>	<i>Max Memb</i>	<i>Max Entries</i>
Animatronics	Team	1	3	1
Architectural Renovation	Individual or Team	1	NA	1
Biotechnology Design	Team	2	2	1
Career Preparation	Individual	1	1	1
Chapter Team	Team	6	6	1
Children's Stories - New for 15-16	Team	1	NA	1
Computer Aided Design 2D, Architecture	Individual	1	1	1
Computer Aided Design 3D, Engineering	Individual	1	1	1
Computer Numerical Control (CNC) Production	Team	2	2	1
Debating Technological Issues	Team	2	2	1
Desktop Publishing	Individual	1	1	1
Digital Video Production	Team	1	NA	1
Dragster Design	Individual	1	1	2
Electrical Application (GA Only)	Individual	1	1	2
Engineering Design	Team	3	5	1
Essays On Technology	Individual	1	1	1
Extemporaneous Speech	Individual	1	1	1
Fashion Design	Team	2	4	1
Flight Endurance	Individual	1	1	2
Future Technology Teacher	Individual	1	1	3
GA Electrathon Rally	Team	1	NA	1
Manufacturing Prototype	Team	1	NA	1
Music Production	Team	1	NA	1
On Demand Video	Team	2	NA	1
Outstanding Student (GA Only)	Individual	1	1	1
Photographic Technology	Individual	1	1	1
Prepared Presentation	Individual	1	1	1
Promotional Graphics	Individual	1	1	1
SciVis	Team	1	NA	1
Software Development	Team	1	NA	1
Structural Design & Engineering	Team	2	2	1
Systems Control Technology	Team	3	3	1
Technical Sketching and Application	Individual	1	2	2
Technology Bowl	Team	3	3	1
Technology Problem Solving	Team	2	2	1
Transportation Modeling	Individual	1	1	2
Vex robotics for Registered VEX teams only	Team	1	NA	3
Video Game Design	Team	2	NA	1
Webmaster	Team	3	5	1

