

GSMST

2014-2015 Accomplishments

GA S.T.E.M. CERTIFICATION

GSMST was awarded the GA S.T.E.M. Certification by the State Dept. of Education. A science, technology, engineering, & math (STEM) school is one dedicated to the STEM education of every student within the school. The entire curriculum & every teacher are committed to preparing students for careers in a STEM field. Through this certification, the GA Dept. of Education recognizes & supports the critical contributions made by Georgia's STEM programs.

S.T.E.M. EDUCATION AWARDS

GSMST was a finalist in the Second Annual STEM Education Awards in the category of Classroom Technology.

GSMST RANKED MOST CHALLENGING HIGH SCHOOL IN GA

The Washington Post ranked GSMST No. 17 in the country and No. 1 in Georgia.

2014 GWINNETT COUNTY TEACHER OF THE YEAR!

Congratulations to Gwinnett County's 2014 Teacher of the Year... Ms. Hyunjin Son of Gwinnett School of Mathematics, Science, and Technology. She was also one of 10 educators selected as a Georgia Teacher of the Year Finalist.

STAR PROGRAM AWARDS

Jeff Burmester has been selected as GSMST STAR Teacher for the 2015 school year. The Student Teacher Achievement Recognition (STAR) program honors Georgia's outstanding high school seniors and the teachers who have been most instrumental in their academic development.

GSMST SAT SCORE is 1912

GSMST is 467 points above the state average of 1445.

GSMST is 415 points above the national average of 1497.

GSMST is 407 points above the GCPS average of 1505.

GSMST is 268 points above the next closest Gwinnett HS.

ACADEMIC LETTER WINNERS

97 GSMST students earned an Academic Letter for the 2013 - 2014 school year. Academic letters are awarded to 10th - 12th grade students who earn a 95.0 or greater GPA for the previous school year. The students will receive a letter of recognition for their first year and a pin for each subsequent year of recognition. GSMST recognized 24 students in the 10th grade, 40 students in the 11th grade, 23 students in the 12th grade, and 9 students were awarded for 3 consecutive years.

2013 AP AWARDS

100 AP Scholar Awards

- ◆ This award is granted to students who receive scores of 3 or higher on three or more AP Exams.

31 AP Scholars with Honor

- ◆ This award is granted to students who receive an average score of at least 3.25 on

Infinite Possibilities

Gwinnett School of Mathematics, Science, and Technology

GSMST

2014-2015 Accomplishments

all AP Exams taken, and scores of 3 or higher on four or more AP Exams.

116 AP Scholars with Distinction

- ◆ This award is granted to students who receive an average score of at least 3.5 on all AP Exams taken, and scores of 3 or higher on five or more AP Exams.

45 National AP Scholars

- ◆ This award is granted to students who receive an average score of at least 4.0 on all AP Exams taken, and scores of 4 or higher on eight or more AP Exams.

BAND

Congratulations to eight GSMST students for being selected to the Gwinnett County District Honor Band and for advancing to the second round of all-state auditions.

CHEMISTRY OLYMPIAD

The Georgia Local Section (GLS) of the American Chemical Society administers the Chemistry Olympiad exam every spring. This year, thirteen students from throughout the Atlanta area earned qualifying scores to take the National Exam.

Although only two students from each school can qualify to take the National Test, the GLS is recognizing the top 50 students in the local Chemistry Olympiad competition this year. Thirteen of those fifty students are from GSMST!

DEBATE TEAM

Debate State Championship

The GSMST Debate Team competed in the State Championship at Marist High School and brought home a 2nd place trophy in Lincoln-Douglas debate. One student made it to the octofinals placing him in the top sixteen for the state. Another student made it to the championship round and brought home the 2nd place trophy for the entire state of Georgia! Congratulations GSMST Debate Team!

Milton Debate Tournament

The Debate team competed well at Milton High School. Two students were quarter finalist in Public Forum Debate, One student was a quarterfinalist in Novice Lincoln Douglas, and another student was a semifinalist in Varsity Lincoln Douglas and 4th speaker.

Chattahoochee Debate Tournament

The GSMST Debate Team competed against schools from three states in the Chattahoochee Debate Tournament sweeping the top four positions in the Novice Lincoln Douglas Debate. In Varsity Lincoln Douglas Debate, GSMST had two quarter-finalists and one semi-finalist.

Johns Creek Debate Tournament

Competing in the Johns Creek High School Debate, one GSMST student was crowned champion in Varsity Lincoln Douglas Debate and received recognition as best speaker. Another student was a quarter-finalist in the Novice Lincoln Douglas.

Infinite Possibilities

Gwinnett School of Mathematics, Science, and Technology

GSMST

2014-2015 Accomplishments

ECONOMICS

Four GSMST students attended the 2015 Georgia Economics Challenge at the Federal Reserve Bank in Atlanta and competed with a total of 22 teams to become semi-finalists for the National Economics Challenge in New York. Our team had superb ratings in the academic rounds of Microeconomics, Macroeconomics, and International Trade receiving the highest scores in all three areas. GSMST took 2nd place in the decisive Quiz Bowl round earning a spot at the Nationals in May. One GSMST student was recognized for the highest individual score in the Adam Smith division.

ENVIRONMENTAL CLUB

Two GSMST students have been chosen as Finalists in the Genius Olympiad - an international science fair focused on environmental issues and solutions. They represented the state of Georgia and GSMST over the summer.

FLAG SPOKEN LANGUAGE CONTEST

Nine GSMST students participated in the 2015 Foreign Language Association of Georgia Spoken Language Contest and received the highest "Superior" level of honor.

GERMAN CLUB

2015 National German Exam

Thousands of students all over the United States take this exam every year. 46 GSMST students in 2nd and 3rd year German took the 2015 exam, seventeen of those won the Gold Award, placing in the 90th to 99th percentile for the entire state of Georgia. Students winning the Gold Award can apply to win a free study trip to Germany. fourteen students won the Silver Award for placing in the 80th to 89th percentile, and eight students received the Bronze award for the 70th to the 79th percentile. Six students received recognition for achievement in the 54%-69% percentiles. Gold and silver award winners will be honored at the Atlanta Goethe Institute/German Cultural center in early May.

State German Convention

The GSMST German Club students excelled at the State German Convention bringing home 19 prizes. With 18 competitors in 1st, 2nd, and 3rd year German, we amassed six 1st place, eight 2nd place, and four 3rd place finishes. We performed well in a field of approximately 350 avid, enthusiastic and well-prepared German student from all over Georgia.

Gwinnett County German Convention

The GSMST German Club students participated in the Gwinnett County German Convention and were winners in Partner Work, Vocabulary Bee, and Poster Competition. Way to go German Students!

INTEL STUDENT TALENT SEARCH

On January 16th, one GSMST student was selected as a 2014 semifinalist in the Intel Student Talent Search. The Intel STS is among the nation's most prestigious pre-college science competitions. Annually, students entering the Intel STS compete for

Infinite Possibilities

Gwinnett School of Mathematics, Science, and Technology

GSMST

2014-2015 Accomplishments

\$1.25 million in awards. Only 300 students are announced as semifinalists each year.

MATH TEAM

GSMST Places at State Math Tournament

A team of four students from the Gwinnett School of Math, Science, and Technology won second place in the 39th annual state mathematics tournament on Saturday, April 25, in Macon. The team placed second over all other teams in all classifications. Way to go students!

The math team competed at the UGA math tournament on Saturday, November 8, 2014. Seven students represented GSMST. Team A won the UGA tournament, taking home the First Place Trophy! Team members also earned individual recognition with awards for First Place, Third Place, Sixth Place, and Seventeenth Place.

The GSMST Math Team competed in the Rockdale Mathematics Tournament held on October 25, 2014. Varsity won 2nd place in the large high school varsity division and junior varsity took 3rd place in the large high school junior varsity division. One student placed 3rd in the individual varsity division and another took 11th place.

MODEL UN

GSMST's Model UN Team received the Best Overall Large Delegation Award at the 2015 UGA Model UN Conference in Athens. Two students placed 1st out of 44 member states in the General Assembly 1st Committee on Disarmament and International Security. In the General Assembly 3rd Committee on Social, Cultural, and Humanitarian Affairs, two other GSMST students placed 1st out of 44 member states and received the Outstanding Delegate Award representing the People's Republic of China.

On October 13th and 14th, GSMST's Model UN team went to Georgia Tech for competition. Two GSMST team members won Outstanding Delegates for their work representing China on the Security Council and many new members got to experience their first conference. Model UN will be travel to Georgia State for competition on November 12, 2014 and November 13, 2014.

NATIONAL SPANISH HONOR SOCIETY

GSMST's National Spanish Honor Society students attended the Sociedad Honoraria Hispánica conference this past weekend. Our students won the Jeopardy competition and walked away with a great experience from attending the conference!

ORCHESTRA

Orchestra Accolades

- 17 students made it to the 2nd round All-State Audition.
- 10 students made it to one of two All-State Orchestras.
- 7 students were selected for the Kendall Youth Orchestra and Gwinnett County Youth Symphony.
- 5 students were selected for the Emory Youth Symphony Orchestra.

Infinite Possibilities

Gwinnett School of Mathematics, Science, and Technology

GSMST

2014-2015 Accomplishments

- 4 students received superior and 3 students received excellent Solo and Ensemble ratings.
- All 3 orchestras received ALL Superior Ratings at the GMEA District 13 LGPE.
- 1 student was selected for the Governor's Honors Program in piano.

A GSMST student competed against 13 students from across the state in the Music Teachers National Association Conference Competition He performed two pieces and was recognized with the "Outstanding Performance Conference Recitalist Award.

The GSMST orchestra received straight superior ratings from all judges at the G.M.E.A. Large Group Performance Evaluation held in February. A superior rating is the best possible rating. Way to go orchestra!

Ten GSMST students were accepted to the All-State Orchestra. After participating in the first round audition in October, Seventeen students advanced to the second round audition held in January. All-State Orchestra. Congratulations Orchestra students!

Congratulations to 5 GSMST students for their selection to participate in the Emory Youth Symphony Orchestra. This Atlanta area honor orchestra is comprised of many of the best student musicians in the State and has performed on NPR's "From the Top" and at Lincoln Center in New York.

One GSMST student was selected as the bassist for the prestigious Rialto Jazz Combo. Six students have been selected to participate in the Gwinnett County Youth Symphony while another student will participate in the Gwinnett County Kendall Honor Orchestra.

PHYSICAL EDUCATION & HEALTH

GSMST has qualified for Silver recognition in the 2014 Governor's SHAPE Honor Roll. This award recognizes your dedication to creating a healthy school environment and a culture of wellness for staff, students, and the community.

REFLECTIONS

PTSA Reflection Winners!

More than 50 entries were submitted for the Reflection competition. 9th grade students received 3 1st Place awards, Two 2nd Place awards, One 3rd Place award, and an Honorable Mention. 10th grade students were awarded four 1st Place awards, four 2nd Place awards, and three 3rd Place awards. 11th grade students earned four 1st Place awards, three 2nd Place awards, and two 3rd Place awards. Eight Seniors were recognized in Visual Arts and Photography with 1st, 2nd, and 3rd Place awards and Honorable Mentions.

Reflection County Winners

Seven GSMST students won 1st Place awards at the Gwinnett County Reflections Competition. These students will advance to Georgia's state competition. In addition, the awards for Photography Honorable Mention and Visual Arts Children's Choice were both earned by GSMST students.

GSMST

2014-2015 Accomplishments

Reflection State Winners

Three GSMST students won at the State level Reflections Competition. These three 10th graders will be recognized at the State Reception.

ROBOTICS

GSMST VEX Robotics Team advances to quarter finals in the 2015 VEX Robotics World Championship.

The GSMST RoboDragons finished off the competition season by competing in the VEX Robotics World Championship in Kentucky. 450 teams from all over the world competed for the title. With a 16th place spot after the qualifier matches, GSMST Team 675E was selected for the quarter finals. Their alliance performed well but was ultimately defeated.

GSMST VEX Robotics Team Wins Excellence Award at State Tournament!

Three GSMST RoboDragons VEX Robotics teams competed in the 2015 State Championship tournament at Ola High School. After the qualification rounds team 675D was selected for the tournament championship rounds but was eliminated in the quarter-finals. Team 675E had an undefeated qualifier record, ranked 5th in scoring, and triumphed through the quarter-finals and semi-finals to compete in the tournament final match. In a tie-breaking third match, Team 675E was outscored and received the State Tournament Runner-up award which qualifies them for the World VEX Robotics tournament in April. The tournament judging interviews, presentations, and match play earned 675E the highest award of the tournament, the State Excellence Award. This award recognizes overall team excellence in design, engineering documentation, presentation, and community service promoting STEM education.

RoboDragons win championship at VEX State Qualifier

On Saturday November 22 all six GSMST RoboDragons VEX Robotics Teams competed at the Robots at the Ridge VEX State Qualifier at Peachtree Ridge High School. After 108 qualification rounds the RoboDragons were well represented at the top with Team 675E placing first overall.

The RoboDragons teams continued their tournament dominance in the elimination rounds. Team 675E allied with RoboDragons 675B and Leonidos Robotics of Carrolton, Georgia. These two RoboDragons Teams won the championship to take the tournament alliance title, which earns them both a spot in the Georgia VEX Robotics State Tournament.

Team 675E continued to rack up the accolades as they were awarded the tournament Excellence Award.

VEX Robotics Teams place at Lambert

The GSMST VEX robotics teams 675A, B, C, and E competed against 52 teams at the Lambert High School's Robotics Invitational Tournament.

- Team 675E remained undefeated throughout the qualifying matches, and was positioned in 3rd place for the championship rounds.
- Team 675B finished qualification rounds in 9th position.

Both teams made it into the semifinal round. Each team won their initial matches but were unfortunately defeated in to third tie breaker of their semifinal matches.

Infinite Possibilities

Gwinnett School of Mathematics, Science, and Technology

GSMST

2014-2015 Accomplishments

Georgia Regional Invitational Tournament

The GSMST RoboDragons FRC team number 3318 competed in the Georgia Regional Invitational Tournament at the Georgia World Congress Center. They finished the qualifying rounds in a very respectable sixth place. They were chosen for further competition in the final rounds, where they made into the semi-finals. They unfortunately lost in the third and final match of the semi-finals. Congratulations to all of the team members on a solid performance at GRITS competition.

SCHOLAR'S BOWL

GSMST's Junior Varsity Scholar's Bowl team placed first in their division at the JV State Championship held at Locust Grove High School.

The GSMST Scholars Bowl A team tied for 5th place out of 41 teams at the Walton Academic Challenge at Walton High School. As a result, GSMST A has qualified for the NAQT High School National Championship Tournament in Chicago in May 2015.

SCIENCE BOWL

The GSMST Science Bowl team finished 3rd in the state at the 2015 Georgia Regional Tournament held in Savannah. GSMST was ranked first after the round-robin portion of the tournament, but lost in the championship playoff and finished with third place.

SCIENCE FAIR

Georgia Science and Engineering Fair

After winning 1st place overall at the Georgia Science and Engineering Fair, one GSMST student has earned a spot at the Intel International Science and Engineering Fair to be held in May. He joins one other GSMST student at the International competition who earned his spot from the Gwinnett Regional Science and Engineering Fair.

Gwinnett Regional Science and Engineering Fair Results

GSMST sent 30 students and 19 projects to the Gwinnett Regional Science and Engineering Fair. Six GSMST students and five projects received 1st place and will advance to the State Science Fair. Eight students and four projects earned 2nd place with three students and two projects earning 3rd. Three GSMST students received special awards from Intel for Excellence in Computer Science. One GSMST student earned a direct spot at the Intel International Science and Engineering Fair in May. The Scana Energy Prize was also awarded to a GSMST student.

SCIENCE OLYMPIAD

GSMST's Science Olympiad Team placed 4th out of 24 competing teams at the 2015 State Science Olympiad Competition held at Emory University.

GSMST's Science Olympiad Team won FIRST place and qualified for the State Tournament to be held March 21st at Emory University. Of the 92 medals awarded to teams in 23 different events, 30 were awarded to GSMST's three competing Science Olympiad teams. Almost 3/4 of GSMST's competitors returned after a grueling 14 hour day with at least one medal.

Infinite Possibilities

Gwinnett School of Mathematics, Science, and Technology

GSMST

2014-2015 Accomplishments

GSMST Science Olympiad Team placed 2nd out of 28 teams competing at the Brookwood Invitational SO Tournament.

GSMST won the 2nd place school trophy in the East Coweta Science Olympiad Tournament this past Saturday and was the third highest scoring team overall. GSMST won 12 medals in the 22 events held at the competition. Many of our medal winners are competing for the first time this year in high school Science Olympiad competitions. GSMST's Science Olympiad team would like to thank its coaches and teachers for their support inside and outside the classroom that encourages our team members to develop knowledge and skills beyond the high school curriculum.

SCIENCE SYMPOSIUM

Georgia Junior Science and Humanities Symposium

Last week GSMST had three students present their science research at the symposium in Athens, GA. All three were selected as one of twelve finalists. They presented their research again to all the judges and the students did a superb job. One student was awarded 7th overall earning a spot as an alternate for the national symposium.

STUDENT COUNCIL

GSMST's Student Council attended the Georgia Association of Student Council's 74th Annual Convention at Rock Eagle. GSMST was elected to the 2015-2016 GASC Executive Board as Journal School with two students to serve as our representatives alongside our faculty advisors. With 41 councils in attendance from all over the state of Georgia, GSMST was recognized for the following awards:

- Runner-Up Most Outstanding Faculty & Staff Appreciation Project - Custodial Appreciation Luncheon & Program
- Runner-Up Most Outstanding Student Recognition Project - InfiniTEAM
- Winner Most Outstanding School Spirit & Pride Project - Class-vs-Class Basketball Tournament
- Winner Most Outstanding Community Service Project - Outreach Covered With Care

STUDENT FILM FESTIVAL

A GSMST Senior was awarded an Honorable Mention in the 2015 White House Student Film Festival. Selected among more than 1500 entries, the video will be featured on WhiteHouse.gov/FilmFestival and may be highlighted through White House social media channels.

TSA TECHNODRAGONS

The GSMST TSA TechnoDragons competed at the TSA State Championship placing in 33 of 38 events and nearly doubling their points from last year. The TechnoDragons placed 4th in the overall competition and received the following awards:

- 2nd Place - Flight Endurance
- 2nd place - Promotional Graphics
- 2nd place - SciVis
- 3rd place - Biotechnology Design
- 3rd place - Children's Stories
- 3rd place - Electrical Applications

Infinite Possibilities

Gwinnett School of Mathematics, Science, and Technology

GSMST

2014-2015 Accomplishments

- 3rd place - Essays on Technology
- 3rd place - Systems Control Technology

The 2nd place teams will be recognized at the upcoming Gwinnett County Board Meeting. TSA Sponsor, Dr. Lockert was recognized with the High School Inspirational Teacher Award.

Dr. John D. Barge, State School Superintendent, recently honored two GSMST students for their Excellence in Achievement with GSMST's Technology Student Association (TSA). They placed 2nd Nationally with their entry in the Manufacturing Prototype competition at the TSA National Championships in Washington D.C. One of the students also placed 5th in the nation for his CO2 dragster entry. Both young men displayed the level of excellence we have come to expect from our GSMST students.

Congratulations to the TSA TechnoDragons on their recent competition successes. TechnoDragons took home the following awards:

- 1st place in CNC Mousetrap Car design.
- 3rd place with CO2 Dragster design.
- 2nd place in the Structural Bridge challenge.
- 5th place for Architectural design.
- 6th place in Promotional design.
- 8th place with his Promotional Shirt design.
- 9th place for Best in Show Dragster design.

These top 10 finishes could lead GSMST to winning the Event Champions Award to be announced in two weeks. Obviously, our TSA TechnoDragons continue to "Build their Dreams" on the way to a State Championship this March.

National Academic World Quest Competition

One GSMST World Quest team competed at the National Academic World Quest competition in Washington D.C. and placed 9th out of 44 teams.

World Quest Winners to Compete at Nationals

GSMST had eight students (two teams) participate in the 2015 Metro-Atlanta World Quest Competition. One team finished in 3rd place and the other team finished in 1st place and will now compete at the national level in Washington D.C.

Infinite Possibilities

Gwinnett School of Mathematics, Science, and Technology