



**Gwinnett School of Mathematics, Science, and Technology**  
**970 McElvaney Lane**  
**Lawrenceville, GA 30044**  
**678-518-6700**  
**[www.gsmst.org](http://www.gsmst.org)**

**Gwinnett School of Mathematics, Science,  
and Technology**  
**Information and Registration Packet**  
**for 2011-2012 School Year**



**Registration Deadline: January 28, 2011**

**Gwinnett School of Mathematics, Science, and Technology**  
**2011-2012 Registration Packet**

**General Information**

The Mission of Gwinnett School of Mathematics, Science, and Technology (GSMST) is to nurture the talents and high potential of students through a unique, challenging, and integrated curriculum with a focus on mathematics, science, and technology that will result in a world-class school. At GSMST, a student will discover a school that fosters the development of a life-long learner through the use of high rigor, relevance, and relationships.

The Gwinnett School of Mathematics, Science, and Technology offers students an opportunity to study in three broad areas of focus: bioscience, engineering, and emerging technologies. These three key pillars mirror emerging career areas in Gwinnett. GSMST is immersed in developing partnerships and initiatives with business and industry, higher education, and the public school system. Our rigorous curriculum will situate our students to compete in today's global market and allow them to pursue infinite opportunities in the future.

Academic success at GSMST requires dedication and motivation. It is strongly advised that all students understand the rigor and accelerated curriculum at GSMST before submitting a Registration Form. Students committed to excellence who are interested in attending GSMST should closely examine the registration packet and should attend a GSMST Informational Session to determine their level of preparation for the rigor of the school.

**LOCATION AND HOURS**

GSMST is located at 970 McElvaney Lane, Lawrenceville, GA 30044. School hours are 8:00 a.m. to 3:00 p.m.

**ELIGIBILITY**

Students must currently be in 8<sup>th</sup> grade and on track for successful completion of 8<sup>th</sup> grade promotion requirements. The student's custodial parent(s) or guardian(s) must reside within the school district of GCPS.

Although GSMST collects information, including prior test results, as a means of data collection to serve its incoming student body, GSMST, as a charter school, will accept all interested students, unless there are more applicants than spaces available, in which case a random lottery will be used to determine enrollment. If a lottery is required to identify the students who are eligible to enroll, it will take place in February at the district's Instructional Support Center (ISC) in Suwanee, Georgia. Before the lottery all registrants will receive a letter describing the lottery details and stating their lottery number. Students with selected numbers will be notified via the home address on the registration form.

**TRANSPORTATION**

Transportation to the student's home high school is provided per GCPS buses as with any other high school student. GSMST students will board another bus from the home high school to be transported to our location. Students will board a bus in the afternoons to their home middle school, and from there, they will board their bus home.

**REGISTRATION PROCESS AND DEADLINES**

Students interested in attending GSMST must send the completed registration forms **directly to GSMST** no later than **Friday, January 28, 2011. The Front Office at GSMST closes at 4:00 pm; walk in and faxes must be received by that time.** Do not submit the registration forms to the middle school. Applications not received or not postmarked by January 28th will not be accepted ...**NO EXCEPTIONS.**

GSMST will confirm receipt of registration forms via the e-mail address on the registration form.

**Mail or deliver Registration Forms to:**

**Gwinnett School of Mathematics, Science, and Technology**  
**970 McElvaney Lane**  
**Lawrenceville, GA 30044**  
**Attention: Rita Shue**

**Fax: 678-518-6702**

No student shall be denied the opportunity to participate in any program or activity on the basis of gender, race, color, creed, religious belief, national origin, disability, or ethnic group.

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**INDICATORS OF SUCCESS**

<ul style="list-style-type: none"><li>8<sup>th</sup> Grade CogAT: Composite - Age PR Score (Prediction of Cognitive Ability)  The average 8<sup>th</sup> grade Composite CogAT score of current 10<sup>th</sup> - 12<sup>th</sup> graders is 90%. The average Composite CogAT scores for students with GPAs of 90 and above is 95%.</li><li>Math Prerequisite Knowledge from 8<sup>th</sup> Grade = Accelerated Integrated Algebra 1  <i>All GSMST 9<sup>th</sup> graders are enrolled in Accelerated Integrated Geometry.</i></li></ul>	<ul style="list-style-type: none"><li>7<sup>th</sup> Grade CRCT: (Measures Acquired Knowledge and Skills including areas of Math and Science)  The average 7<sup>th</sup> grade CRCT Math score of current 10<sup>th</sup> - 12<sup>th</sup> graders is 890 (99%). The average 7<sup>th</sup> grade CRCT Science score is 885 (92%).</li></ul>
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**9<sup>th</sup> GRADE CURRICULUM AND REQUIRED COURSES**

All students have the opportunity to earn **seven** academic credits per year.

**Six Required Classes:**

- Accelerated Integrated Geometry/Accelerated Integrated Pre Calculus** – This encompasses two years of high school math, taken in one school year. All Gwinnett County Public Schools middle schools offer Accelerated Integrated Algebra I for 8<sup>th</sup> grade students. However, note that GSMST does not offer Accelerated Integrated Algebra I. **If your student has not successfully completed Accelerated Integrated Algebra I during the 8<sup>th</sup> grade year, he/she will not have the prerequisite knowledge necessary to be successful at GSMST.**
- Advanced Chemistry** – one credit of Advanced Chemistry (a standard 10<sup>th</sup> grade course at traditional high schools)
- Advanced Physics** – one credit of Advanced Physics (a standard 11<sup>th</sup> grade course at traditional high schools)
- Engineering Concepts** – one credit of computer-aided design (AutoCAD and Rev-IT) as well as drafting and mechanics of structure
- Humanities 1** – 9<sup>th</sup> grade language arts and social studies that integrates math, science, and technology into the language arts curriculum
- Foreign Language (Chinese or Spanish)** – all students must take 2 years of the same foreign language

**One Elective Class (from the following list):**

- |   |   |
|---|---|
| <ul style="list-style-type: none"><li>AP Human Geography</li><li>Band</li><li>Chorus</li><li>Classical Piano</li><li>Debate</li></ul> | <ul style="list-style-type: none"><li>Foundations of Art</li><li>Health/PE (graduation requirement)</li><li>Intermediate Programming</li><li>Orchestra</li><li>Robotics</li></ul> |
|---|---|

**PARTNERSHIP PROGRAM**

Beginning in 9th grade, the students are introduced to industry experts, community leaders, and college/university professors in small group settings as part of a speaker program. The sophomore class selects local companies to visit for job shadowing, and the 11th and 12th grade students have internships and projects built into the curriculum for the final phase of the Partnership Program. Priority for the internships is given to high academic achievers.

For questions or further information about the school and/or the registration process, please refer to the GSMST website ([www.gsmst.org](http://www.gsmst.org)) or call 678-518-6700.

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**Student Achievement Data (for placement purposes)**

<b>Test</b>	<b>Student Score</b> (To be completed by parent and/or provided by current school upon receipt of scores)		<b>Indicators of Success at GSMST</b> Data below is based on the average score of current 10 <sup>th</sup> -12 <sup>th</sup> grade GSMST students.
*8 <sup>th</sup> Grade CogAT Composite Age PR	Provided by school upon receipt of scores		90%
Name of Current Math Course and Average in that course	Check one: ___ Intro Alg/Geo ___ Accel Int Alg I ___ Other _____	Current Math Average	Pre requisite knowledge gained from Accelerated Integrated Algebra 1
7 <sup>th</sup> Grade CRCT Math			890
7 <sup>th</sup> Grade CRCT Science			885

\*8<sup>th</sup> grade CogAT scores are typically available in January.

Current math teacher must sign below to verify enrollment and average in the above named math course.

Current school official must sign below to verify that the student is currently on track for promotion from 8<sup>th</sup> to 9<sup>th</sup> Grade for Fall 2011.

\_\_\_\_\_

Math Teacher

\_\_\_\_\_

Date

\_\_\_\_\_

School Official

\_\_\_\_\_

Date

**Enrollment Agreement**

I understand that there is limited enrollment in GSMST and that by submitting this registration packet I am stating my intention to enroll my child in GSMST for the 2011-2012 school year. If my student is eligible or becomes eligible to enroll as a result of lottery selection and then declines to attend GSMST, we understand that we have potentially kept another student from eligibility for enrollment. Therefore, my student and I have fully discussed enrollment at GSMST before submitting this registration packet.

I understand that the information provided will be used for **advisement purposes only** and will **NOT** be used for any other purpose. I understand that **any current Gwinnett 8<sup>th</sup> grader residing within the GCPs school district** who registers to attend GSMST is eligible for the lottery and enrollment.

\_\_\_\_\_

Parent/Legal Guardian Signature

\_\_\_\_\_

Date

\_\_\_\_\_

Student Signature

\_\_\_\_\_

Date

Both the guardian and student must sign this form to confirm that both parties agree to the conditions of registration and enrollment at GSMST.

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