



# Gwinnett School of Mathematics, Science, and Technology

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## What is Gwinnett School of Mathematics, Science, and Technology?

Gwinnett School of Mathematics, Science, and Technology is a public school chartered by the Gwinnett County Board of Education. The school will open in August 2007.

## Who can attend?

The school has accepted its first class of 245 rising 9th grade students for the 2007–08 school year. Each year, current 8th grade Gwinnett residents will be invited to apply for enrollment for the upcoming school year. A grade level will be added to the school each year, until 2010–11. Ultimately, the school will serve 1,200 students in grades 9–12. Students must be full-time residents of Gwinnett County. The school will serve students countywide.

## Where is the school located?

Until renovations and additions are complete at the permanent facility on McElvaney Road in Lawrenceville, the new school will be housed at Duluth High. During this period, transportation will not be provided. Once the permanent facility opens in the fall of 2010, it is expected that transportation will be provided, using existing routes that serve the adjacent Maxwell High School of Technology.

## What courses will Gwinnett School of Mathematics, Science, and Technology offer?

The school's charter status allows the district to customize course content. Students at the school will pursue inquiry-based and discovery learning through math and science disciplines in three broad areas:

- **Engineering**, including aerospace design and application, mechanical engineering, and computer engineering;
- **Bioscience**, including biomedical design, biotechnology, and forensic science; and
- **Emerging Technologies**, including robotics, nanotechnologies, and GPS applications.

## **How is this school different from other high schools or technical education programs?**

- The challenging curriculum integrates coursework across disciplines. For instance, the 9th grade curriculum will include advanced geometry/discrete mathematics, advanced physics/chemistry, introduction to humanities, fundamentals of engineering, health and PE, fine arts (music performance), and applications and research through integrated science, engineering, and technology (I-SET). All students will take part in research and formal project presentations.
- Broad exposure to global and cultural issues, including the opportunity to take Chinese or Japanese, will help prepare students for postsecondary study.
- With flexible scheduling, students will attend classes from 9 a.m. to 4 p.m. Students also have the option of participating in online classes, blended instruction (teacher-led courses with online components), and interactive projects with schools around the world.

## **Why is Gwinnett School of Mathematics, Science, and Technology an important addition to the school system's educational opportunities?**

- The school will focus on advanced instruction in engineering, biosciences, and emerging technologies... key areas as Gwinnett County's science and technology business sectors expand.
- Today's graduates are tomorrow's employees. Gwinnett students educated through this world-class program will be prepared for success in college and in a global economy, with strong ties to corporate and university partners here in the region.

## **What can I do to support Gwinnett School of Mathematics, Science, and Technology?**

The school's mission will be supported through a diverse range of university, community, and industry partnerships, offering strategic support of curriculum and instructional programs, industry expertise and opportunities for students, and mentors and loaned staff.

Foundation benefactors may designate their donations for equipment and materials, student scholarships, and professional learning for teachers. Through the Annual Giving Fund, Foundation supporters may offer their help where it is needed most.

**The ways in which you may support Gwinnett School of Mathematics, Science, and Technology are *infinite*, like the future opportunities that await our students after graduation.**

*If you have questions about the school, its curriculum, and plans for the future, contact June Sweat, director of program planning for the new school, at 678-301-7046. If you have questions about supporting this initiative, please contact Alexis Kirijan with the Gwinnett County Public Schools Foundation Fund at 678-301-6025.*