



# 2016 - 2017

## Local School Plan for Improvement

### GSMST

William R Bray, *Principal*

Ed Shaddix, *Assistant Superintendent*

Accountability and flexibility are hallmarks of Gwinnett County Public Schools' success. Key to that success is ensuring that each school community understands the progress being made by its schools, as well as what plans will drive improvement. Each school creates a collaborative Local School Plan for Improvement (LSPI), with targeted goals based on student achievement results. These goals are dynamic, like our schools, and are updated to reflect changes that occur in schools. Data is used to determine areas needing improvement and to identify specific, measurable, annual objectives. Schools then determine how to use research-based strategies to achieve these goals, using flexibility as needed. The LSPI development process involves teachers, parents, and community members, so the entire school community has the opportunity to be involved in conversations about school improvement. Please contact the local school principal for more information about the school's plan and progress.

- **Long Term Goal**

GSMST will continue to be a world-class school which is recognized in Georgia and across the nation for sustained excellence. GSMST students will consistently lead Gwinnett County High Schools in reaching exemplary achievement results, graduation rates, college placements, and overall measures of school quality.

- **Annual Goal**

All students who take the Gateway assessment will pass resulting in an overall success rate of 100% for both subjects. 75% of students will score in the Exceeds category for both the Science test and the Social Studies test.

- **Annual Goal**

Satisfactory preparedness for college and career at GSMST will be marked by (1) a minimum CCRPI score of 98; and (2) a minimum cohort graduation rate of 99%.

- **Long Term Goal**

GSMST will continuously seize upon improvement opportunities in all academic, curricular, managerial, and operational areas. Student achievement results from global, national, state, and local assessments and evaluations will continuously be analyzed and vetted for annual and targeted improvement efforts across all grade levels and departments.

- **Annual Goal**

GSMST administers Georgia Milestone Assessments in December for Geometry and Economics and in May for 9LA, 11LA, US History, Algebra, and Biology. The expected pass rate for all seven End of Course tests is 100%. The minimum percentage of students who score at the "Distinguished" level (4) is 65% in each of the seven subject areas.

- **Annual Goal**

Longitudinal data from quantitative measures (e.g. health surveys) and qualitative measures (e.g. withdrawal surveys) indicate the need for a robust, comprehensive school wellness program designed to alleviate some stressors that driven high school students experience. This program will serve as an overarching umbrella covering all or parts of our intramural program, advisement program, in-reach program, intervention program, and other efforts to support the physical, mental, and emotional needs of our students in a high performance environment. Baseline data will be determined during the 2016-17 school year and targets set starting in 2017-18.

- **Long Term Goal**

GSMST is a very high performance environment where a unique culture of inclusiveness and collegiality foster innovative thought for students and educators alike. The growth and refinement of signature programs (e.g. Internships) along with a growing alumni base whose ongoing connection to GSMST will be fostered and encouraged will serve as incubation centers for maintaining a culture of high performance excellence in a specialty school with an accelerated STEM-centered curriculum.



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#### o Annual Goal

The Partnership Program at GSMST is a signature component of the curricular experience for students and it must continue to grow and evolve with both the size of the school and each cohort class and in terms of the quality and fidelity of internship experiences. Growth targets for program size (e.g. number of new partners) and program quality (e.g. depth of partnerships) are set at 5% annually.

#### o Annual Goal

GSMST's inaugural Class of 2011 graduated college in the spring of 2015 and our alumni tracking began in earnest to record college majors, graduate school programs, and careers in STEM fields and subjects. We continue to use the Naviance program to collect much of this data. In the spring of 2016, we established a GSMST Alumni Facebook page and we received immediate responses from a high percentage of graduates. We will continue to track alumni data with a new category for Internship Mentors where our own alumni are serving as mentors for current students completing internships (as the alumni completed when they were GSMST students). Our baseline target for STEM undergraduate majors is 60% and our baseline target for STEM careers or graduate school programs is 45%. One of our counselors is transitioning to a role of data analysis and alumni relations to facilitate more thorough data collection and tracking. We will use our 10-year anniversary celebration to deepen connections with our body of alumni which currently totals 875.