



2019 - 2020

Local School Plan for Improvement

Paul Duke Stem HS

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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

Paul Duke STEM High School will have four year cohort graduation rate of greater than 90% by the end of the 2020-2021 school year.

o Annual Goal

As we prepare for our first graduating class in May 2020, Paul Duke STEM is committed to high levels of student success in individual courses as an indicator of their college and career readiness as they move towards graduation. For SY2019-2020, satisfactory progress towards our long-term goal will be marked by: (1) a 4 year cohort graduation rate of greater than or equal to the district average (82%) and (2) student success rates of 90% or greater in all classes.

• Long Term Goal

Paul Duke STEM High School aspires to be the leading technology focused STEM high school in Georgia as measured by student achievement and their technological proficiency.

o Annual Goal

In the SY2019-2020, Paul Duke STEM HS students' mean scale score and the percent of students scoring at the Proficient and Distinguished level on both District Assessments and End-of-Course Georgia Milestones will exceed the GCPS district average.

o Annual Goal

Paul Duke STEM High School will improve our students' communication and problem solving skills as measured by both local and national assessments. Therefore, our goal for SY2019-2020 is to have (1) 85% of students score at the meets + exceeds level on the Science Gateway Exam and (2) exceeding the district average on world-class assessments, such as the OECD test for schools, PSAT, and SAT assessments.

o Annual Goal

Through curricular, co-curricular, and extracurricular experiences, we will increase our student enrollment, attendance, and engagement (SEI) in SY2019-2020 as compared to SY2018-2019 levels. Therefore, ALL students will be engaged in at least one of the following:

1. Fine Arts Program,
2. Career and Technical Student Organizations (CTSOs),
3. Academic, Service and Leadership focused clubs/teams,
4. Earning college credit or industry certifications,
5. Transformational Learning Experiences (e.g. Senior Internships (SEE), Service Learning Projects, Community Service Projects)