



2010-2011 Local School Plan For Improvement

LSPI Objectives

December 2010

MILL CREEK HIGH SCHOOL

Jim L Markham, *Principal*

Dr. John Green, *Area 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.

2010-2011 Long Term Goals and Objectives

Goal: Based on student assessment data, identify students at risk for not meeting annual performance standards on AYP indicators.

Objective: Mill Creek High School will increase the academic performance on the mathematics and language arts sections of the Georgia High School Graduation Test (GHSGT) for all students and subgroups, to exceed annual targets by using data analysis, creative instructional strategies, proactive academic and extension opportunities.

Objective: Mill Creek High School will increase the academic performance on the Language Arts section of the Georgia High School Graduation Test (GHSGT) for all students to meet or exceed annual targets by using data analysis, creative instructional strategies, proactive academic intervention, and language arts tutorials.

Objective: Improve the test participation percentage for students in the students with disabilities, economically disadvantaged, black, and English Language Learners subgroups

MILL CREEK HIGH SCHOOL

LSPI Continued

Jim L Markham, *Principal*

Dr. John Green, *Area Superintendent*

2010-2011 Long Term Goals and Objectives

Objective: Mill Creek High School will increase the academic performance on the Math section of the Georgia High School Graduation Test (GHS GT) for all students to meet or exceed annual targets by using data analysis, creative instructional strategies, proactive academic intervention, and math tutorials.

Goal: In collaboration with Mill Creek faculty, students, and parents, Mill Creek High School will increase student engagement in:

1. classroom academic activities
2. long-term educational planning
3. school based extra-curricular activities

Objective: Increase the percentage of students who are actively engaged in classroom academic activities.

Objective: At the onset of the school year, to encourage regular school attendance for rising freshmen, the Student Attendance Review Committee will meet with first time 9th graders who accumulated 15 or more absences during their 8th grade year to identify root causes for absences and identify resources to address those causes.

Objective: During the 2010-2011 academic year, 100% of students will participate in an extra-curricular activity.

MILL CREEK HIGH SCHOOL

LSPI Continued

Jim L Markham, *Principal*

Dr. John Green, *Area Superintendent*

2010-2011 Long Term Goals and Objectives

Goal: Working with Mill Creek cluster educators, parents and students, Mill Creek High School faculty and staff will provide a seamless transition into high school, provide guidance and instructional support to all students during their high school experience and teach students how to plan, live, and support themselves beyond their high school years.

Objective: Monitor Student Academic Progress

Objective: Each ninth grade student will review his academic history, explore career interests, and create a four-year-plan to graduate with the course work and experience needed to transition to the student's post high school area of interest.

Objective: Improve current Orientation and Instructional Planning Session for Rising Ninth Grade Parents and Students.

Objective: Mill Creek High School Readiness programs for rising 8th and 9th grade students.

Objective: Evaluate Former Mill Creek High School Graduates' Level of Preparedness Beyond High School

MILL CREEK HIGH SCHOOL

LSPI Continued

Jim L Markham, *Principal*

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Schools Goals - MILL CREEK HIGH SCHOOL

Goal Title	Goal	Start School Year	End School Year
Exercise precision in identifying student needs and provide for the individualized instructional needs of all students	Based on student assessment data, identify students at risk for not meeting annual performance standards on AYP indicators.	2010-11	2013-14
Maximize student engagement in whole school program	In collaboration with Mill Creek faculty, students, and parents, Mill Creek High School will increase student engagement in: <ol style="list-style-type: none"> 1. classroom academic activities 2. long-term educational planning 3. school based extra-curricular activities 	2010-11	2013-14
Preparing Mill Creek Students for Graduation and Beyond	Working with Mill Creek cluster educators, parents and students, Mill Creek High School faculty and staff will provide a seamless transition into high school, provide guidance and instructional support to all students during their high school experience and teach students how to plan, live, and support themselves beyond their high school years.	2010-11	2013-14

Annual Objective

Mill Creek High School will increase the academic performance on the mathematics and language arts sections of the Georgia High School Graduation Test (GHSGT) for all students and subgroups, to exceed annual targets by using data analysis, creative instructional strategies, proactive academic and extension opportunities.

Associated Goals

Goal: Exercise precision in identifying student needs and provide for the individualized instructional needs of all students

MILL CREEK HIGH SCHOOL

LSPi Continued

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Implementation Design

Identify students participating in GHSgt Math and Language Arts Tests.

The administrative staff will identify students in designated subgroups who are capable of making advanced scores on the GHSgt.

Staff Development training to improve critical thinking strategies.

Teachers will be exposed to staff development that focuses on student engagement and critical thinking activities.

SD: Differentiation of Literacy Strategies

Based upon best practices presented in professional articles, course level language arts teams (to include collaborative special education and ELL teachers) will collaborate in determining strategies for differentiating content, process and product across levels of learners.

Literacy strategies of study will focus on peer collaboration, critical thinking and summarizing.

SD: District Training Program: Special Education and Mathematics

General education and special education teachers of the following mathematics courses will participate in a year-long training program to increase critical thinking:

1. Integrated Algebra I
2. Accelerated Integrated Algebra I
3. Integrated Geometry
4. Accelerated Integrated Geometry
5. Integrated Algebra II

Teachers will become familiar with available mathematics resources, the Singapore Way critical thinking model, and hands-on lessons for teaching mathematics content. Further, they will learn strategies for co-planning, co-teaching, differentiation, and questioning.

SD: Engagement: Critical Thinking, Collaboration & Summarizing

Teachers will learn about and implement strategies for increasing student engagement. Of focus will be critical thinking, collaboration, and summarizing. Training sessions will incorporate live experiences that involve hands-on activities and technological applications.

MILL CREEK HIGH SCHOOL

LSPi Continued

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Annual Objective

Mill Creek High School will increase the academic performance on the Language Arts section of the Georgia High School Graduation Test (GHSGT) for all students to meet or exceed annual targets by using data analysis, creative instructional strategies, proactive academic intervention, and language arts tutorials.

Associated Goals

Goal: Exercise precision in identifying student needs and provide for the individualized instructional needs of all students

Implementation Design

Frequent Language Arts Tutorials

Mill Creek Offers multiple tutorial opportunities in a variety of formats. These include before and after school sessions with teachers and peer tutoring opportunities through our TALON, National Honor Society, and Peer Leaders group.

Identify at risk students participating in the GHSGT

We will identify each student (ELL, SWD) taking the GHSGT. We will pull names from our student database of all students in these subgroups and perform data analysis on each student to determine performance on previous standardized tests, credits received, and previous grades to identify at risk test takers in this subgroup.

Language Arts intervention classes for students identified as high risk.

Each student identified as an at risk student will receive remediation instruction during their academic contact time. This remediation will be centered on GHSGT test prep materials.

MILL CREEK HIGH SCHOOL

LSPi Continued

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Staff Development for teaching instructors how to focus on commonly missed math strands on the GHSGT

Staff Development will be provided to all teachers with a focus on improving student engagement.

SD: Data Analysis & Identification of Student Needs

This year-long professional learning program will include the following activities:

1. Teachers will learn how to apply strategies to analyze historical achievement data to determine instructional needs of individual students and small groups of students.
2. Within departments, by course, teachers will learn to analyze success rates and determine root causes for trends. They will apply basic statistics to describe distribution of scores and the impact of student subgroups.
3. Teachers will study the impact of departmental policies on student achievement.
4. Teachers will learn to identify and employ research-based instructional strategies to address the specific instructional needs of individuals, small groups and large groups of students.
2. Teachers will learn how to lead students to analyze historical achievement data and use that information to set long-term goals.

Annual Objective

Improve the test participation percentage for students in the students with disabilities, economically disadvantaged, black, and English Language Learners subgroups

Associated Goals

Goal: Exercise precision in identifying student needs and provide for the individualized instructional needs of all students

Implementation Design

Contact parents of at risk students to address overall school attendance and test administration attendance

We will contact the parents of the identified at risk students by phone to discuss the benefits of general school and test day attendance.

MILL CREEK HIGH SCHOOL

LSPi Continued

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Identify GHSgt participants at risk of missing spring administration

We will check the attendance of students in specific subgroups (students with disabilities, economically disadvantaged, black, and English Language Learners) to assess the potential of lack of test participation.

Individual teacher attendance conferences with at risk students

Teachers of identified at risk students will conduct conferences with each identified student.

Annual Objective

Mill Creek High School will increase the academic performance on the Math section of the Georgia High School Graduation Test (GHSgt) for all students to meet or exceed annual targets by using data analysis, creative instructional strategies, proactive academic intervention, and math tutorials.

Associated Goals

Goal: Exercise precision in identifying student needs and provide for the individualized instructional needs of all students

Implementation Design

Frequent Math Tutorials For Potential GHSgt Participants

Students will participate in before or after school sessions with their math instructors. The math department also offers tutoring sessions before and after school. Peer tutoring will be offered by students in the TALON, National Honor Society, and Peer Leaders group.

Identify at risk students participating in GHSgt Math Test.

We will identify each student in the Students with Disabilities, Black, and English Language Learners subgroup taking the GHSgt. We will pull names from our student database of all students and pull data analysis on previous standardized test scores, credits received, and previous grades to determine at risk test takers in these subgroups.

MILL CREEK HIGH SCHOOL

LSPi Continued

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Intervention classes for students identified as high risk

Students identified as at risk students will participate in math remediation during their academic contact time. This intervention will consist of attending sessions with content area specialists and working towards improving GHSGT content area skills.

Staff Development for teaching instructors how to focus on commonly missed math strands on the GHSGT

Professional development will be provided to math department to improve their understanding of the GHSGT math strands and improve student engagement.

SD: Data Analysis & Identification of Student Needs

This year-long professional learning program will include the following activities:

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2. Teachers will learn how to lead students to analyze historical achievement data and use that information to set long-term goals.

SD: Engagement: Critical Thinking, Collaboration & Summarizing

Teachers will learn about and implement strategies for increasing student engagement. Of focus will be critical thinking, collaboration, and summarizing. Training sessions will incorporate live experiences that involve hands-on activities and technological applications.

Annual Objective

Increase the percentage of students who are actively engaged in classroom academic activities.

Associated Goals

MILL CREEK HIGH SCHOOL

LSPi Continued

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Goal: Maximize student engagement in whole school program

Implementation Design

Implement instructional strategies targeting specific student needs

Via data collection gathered from 206 walk-through observations by assistant principals across curricular areas within the second and third quarters of the 2009 – 2010 academic year, average student engagement rate was 73.9%. During the second and third quarters, average student engagement across the school was 52% and 83.6% respectively.

Further, data indicated that students were involved in the overtly engaging activities of collaboration and summarizing on average about 18% of observations. They were engaged in critical thinking across approximately 32% of observations.

In order to increase student engagement, teachers will analyze the following types of data to determine student needs: historical achievement, classroom achievement, course level trends, assessment design impact, and policy-related impact. Data will be analyzed to determine implications for planning and instruction. Subsequent instruction will be designed to: 1. account for individual needs; 2. incorporate research-based strategies; and 3. engage students in collaborative work, summarizing, and critical thinking. Subsequent develop of assessments will focus on adherence to standards and removing bias.

SD: Assessments: Accurately Determining Student Needs

In order to accurately determine student needs, this training program will lead:

1. Teams to collaboratively analyze assessments for bias against ELL, SWD, cultural groups, etc.
2. Course Teams to collaboratively develop common assessments with a focus on eliminating bias against subgroups.

MILL CREEK HIGH SCHOOL

LSPi Continued

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SD: Data Analysis & Identification of Student Needs

This year-long professional learning program will include the following activities:

1. Teachers will learn how to apply strategies to analyze historical achievement data to determine instructional needs of individual students and small groups of students.
2. Within departments, by course, teachers will learn to analyze success rates and determine root causes for trends. They will apply basic statistics to describe distribution of scores and the impact of student subgroups.
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4. Teachers will learn to identify and employ research-based instructional strategies to address the specific instructional needs of individuals, small groups and large groups of students.
2. Teachers will learn how to lead students to analyze historical achievement data and use that information to set long-term goals.

SD: District Course: Online Critical Thinking Workshop

Teachers will be encouraged to participate in the district's online course focused on the Quality Plus Instructional Strategy of problem solving.

The course addresses the highest levels of Bloom's Taxonomy. Teachers participate in hands-on activities that allow them to experience thinking at the level of study, and then the apply a similar activity with students in their classrooms.

SD: District Course: Online Summarizing Workshop

Teachers will be encouraged to participate in the district workshop focused on the Quality Plus Instructional Strategy of summarizing.

The course focuses on approaches to summarizing, classroom strategies, and planning effective lessons that incorporate summarizing.

SD: Engagement: Critical Thinking, Collaboration & Summarizing

Teachers will learn about and implement strategies for increasing student engagement. Of focus will be critical thinking, collaboration, and summarizing. Training sessions will incorporate live experiences that involve hands-on activities and technological applications.

Annual Objective

Monitor Student Academic Progress

MILL CREEK HIGH SCHOOL

LSPi Continued

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Associated Goals

Goal: Preparing Mill Creek Students for Graduation and Beyond

Implementation Design

Monitor Student Academic Progress

Academic teachers, to include ACT Advisors, counselors, graduation coach and administrators will assist in monitoring student progress of 6 and 12 week progress reports. Measurement tools will include student grades, attendance and discipline reports, and staff communication logs.

SD: Data Analysis & Identification of Student Needs

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2. Teachers will learn how to lead students to analyze historical achievement data and use that information to set long-term goals.

Annual Objective

At the onset of the school year, to encourage regular school attendance for rising freshmen, the Student Attendance Review Committee will meet with first time 9th graders who accumulated 15 or more absences during their 8th grade year to identify root causes for absences and identify resources to address those causes.

Associated Goals

MILL CREEK HIGH SCHOOL

LSPI Continued

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Goal: Maximize student engagement in whole school program

Implementation Design

SARC meetings for rising freshmen with history of excessive absences

To establish expectations for attendance and identify resources for support, the attendance administrator will hold a SARC (Student Attendance Review Committee) meeting for first time 9th graders who accumulated 15 or more absences during the 8th grade year.

The purpose of the SARC would be to:

1. Bring together the school, parents, teachers, and counselors in an effort to identify the causes of absences
2. Help the student with individual areas of need that prevented regular attendance by involving community support, peers, and outside agencies as needed
3. Teach the parent and student how to deal with the mitigating factors that might cause absences such as distress, avoidance, attention seeking, or the desire to have fun.
4. Encourage the student to attend school and emphasize the need for regular attendance at the high school level.

Annual Objective

Each ninth grade student will review his academic history, explore career interests, and create a four-year-plan to graduate with the course work and experience needed to transition to the student's post high school area of interest.

Associated Goals

Goal: Preparing Mill Creek Students for Graduation and Beyond

Implementation Design

MILL CREEK HIGH SCHOOL

LSPI Continued

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Successful Completion of Four Year Plan

During the first semester of ninth grade, advisors will guide students in analyzing their academic history and guide them through establishing post-secondary goals. During second semester, via classroom guidance lessons, all freshman will create a four year academic plan to meet their needs for graduation. Via the yearlong process, students will be led to consider the course work and experiences they will need to pursue post-secondary goals of their choice.

SD: Data Analysis & Identification of Student Needs

This year-long professional learning program will include the following activities:

1. Teachers will learn how to apply strategies to analyze historical achievement data to determine instructional needs of individual students and small groups of students.
2. Within departments, by course, teachers will learn to analyze success rates and determine root causes for trends. They will apply basic statistics to describe distribution of scores and the impact of student subgroups.
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2. Teachers will learn how to lead students to analyze historical achievement data and use that information to set long-term goals.

Annual Objective

Improve current Orientation and Instructional Planning Session for Rising Ninth Grade Parents and Students.

Associated Goals

Goal: Preparing Mill Creek Students for Graduation and Beyond

Implementation Design

MILL CREEK HIGH SCHOOL

LSPi Continued

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Ninth Grade Orientation and Instructional Planning Session

Conduct a general session explaining nuts and bolts of high school, graduation requirements, course credit and standardized testing; Breakout sessions provided for explanation of core content and curriculum expectations. The target population for this activity is ninth grade parents.

Annual Objective

During the 2010-2011 academic year, 100% of students will participate in an extra-curricular activity.

Associated Goals

Goal: Maximize student engagement in whole school program

Implementation Design

Actively recruit student engagement in extracurricular programs

Using video announcements and other experiences, all students will be exposed to the variety of extracurricular offerings available at MCHS and the criteria for participating in them. Students will complete a brief survey identifying activities in which they are interested, and they will note if they already participate in the activity. That information will be aggregated and activity sponsors will be provided lists of interested students. In addition, a master list of students engaged in school-sponsored extracurricular activities will be generated to identify students, by name, who are not involved in a program. Students who do not participate in any activity will be actively recruited to join a club, team or other extracurricular group.

Annual Objective

Mill Creek High School Readiness programs for rising 8th and 9th grade students.

MILL CREEK HIGH SCHOOL

LSPi Continued

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Associated Goals

Goal: Preparing Mill Creek Students for Graduation and Beyond

Implementation Design

"9th Grade Hawk Night"

Offer a two day readiness program for rising 9th grade students at no charge. First day – a 3 hour activity fair will include extra curricular/athletic programs, exploration of facility, and Peer Leader Q and A session. Second day – a 3 hour academic program will focus on academics, study skills, expectations, deadlines, grades/semester grades, etc.

"How to Raise a Hawk" program

Offer seminars/programs for parents of rising 7th and 8th students. A two hour seminar will be offered with four 30 minute breakout sessions to include: academic preparedness, study skills, activities/extra curricular and athletics. A seminar will be offered each semester entitled "How to Raise a Hawk."

Annual Objective

Evaluate Former Mill Creek High School Graduates' Level of Preparedness Beyond High School

Associated Goals

Goal: Preparing Mill Creek Students for Graduation and Beyond

Implementation Design

Post Graduate Survey

To assist in evaluating graduates' preparedness after high school, Mill Creek High School will conduct a survey to gather, analyze and evaluate data in order to determine what instructional improvements need to be made to prepare students for life beyond high school.

MILL CREEK HIGH SCHOOL

LSPI Continued

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