



2010-2011 Local School Plan For Improvement

LSPi Objectives

December 2010

ROCK SPRINGS ELEMENTARY

Angie C Pacholke, *Principal*

Dr. Gale Hey, *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: Students at Rock Springs Elementary will become motivated and competent readers and writers who read, interpret, and value all forms of literature, can communicate successfully in oral and written forms, use research skills effectively to gather and present information, and understand and use appropriate conventions of writing in written and oral expression so they can transition to middle school reading and writing on/above grade level.

Objective: All students in kindergarten through fifth grade will meet or exceed performance targets on local, county and state reading/writing assessments through consistent and pervasive implementation of the GCPS Balanced Literacy Framework, school-wide professional learning, Quality-plus teaching strategies, and data analysis to guide instruction.

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LSPI Continued

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Dr. Gale Hey, *Area Superintendent*

2010-2011 Long Term Goals and Objectives

Goal: Students at Rock Springs Elementary will become scientific thinkers and critical problem solvers capable of using acquired knowledge and manipulatives to formulate and solve complex problems so they can transition to middle school equipped to demonstrate their science knowledge and skills on or above grade level.

Objective: Rock Springs Elementary will increase academic performance in the area of Science for all students and subgroups in order to meet or exceed annual targets through professional learning, collaborative planning, an increase in integration of science across the curriculum, inquiry-based lessons, vocabulary development, and the use of a Science Lab for all students.

Goal: Students at Rock Springs Elementary will develop foundational math skills so they can transition to middle school demonstrating number sense, the ability to compute, problem solve, think critically, and communicate their thoughts and mathematical reasoning effectively, as outlined in the GCPS Balanced Numeracy Framework.

Objective: All students in kindergarten through fifth grade will meet or exceed performance targets on local, county and state math assessments through consistent and pervasive implementation of the GCPS Balanced Numeracy Framework, school-wide professional learning, Quality-plus teaching strategies, and data analysis to guide instruction.

Goal: The Collins Hill Cluster will foster a culture of collaboration and cooperation in an effort to become a cluster of world-class schools.

Objective: Rock Springs Certified Staff will collaborate with teachers from other Collins Hill Cluster Schools. Collaboration will occur vertically within elementary, middle and high school levels; as well as across grade level and subject areas. Staff members will discuss effective methods to increase student achievement.

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LSPI Continued

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Schools Goals - ROCK SPRINGS ELEMENTARY

Goal Title	Goal	Start School Year	End School Year
Cluster of Collaboration	The Collins Hill Cluster will foster a culture of collaboration and cooperation in an effort to become a cluster of world-class schools.	2010-11	2015-16
Literacy	Students at Rock Springs Elementary will become motivated and competent readers and writers who read, interpret, and value all forms of literature, can communicate successfully in oral and written forms, use research skills effectively to gather and present information, and understand and use appropriate conventions of writing in written and oral expression so they can transition to middle school reading and writing on/above grade level.	2010-11	2015-16
Mathematics	Students at Rock Springs Elementary will develop foundational math skills so they can transition to middle school demonstrating number sense, the ability to compute, problem solve, think critically, and communicate their thoughts and mathematical reasoning effectively, as outlined in the GCPS Balanced Numeracy Framework.	2010-11	2015-16
Science	Students at Rock Springs Elementary will become scientific thinkers and critical problem solvers capable of using acquired knowledge and manipulatives to formulate and solve complex problems so they can transition to middle school equipped to demonstrate their science knowledge and skills on or above grade level.	2010-11	2015-16

Annual Objective

All students in kindergarten through fifth grade will meet or exceed performance targets on local, county and state reading/writing assessments through consistent and pervasive implementation of the GCPS Balanced Literacy Framework, school-wide professional learning, Quality-plus teaching strategies, and data analysis to guide instruction.

Associated Goals

Goal: Literacy

ROCK SPRINGS ELEMENTARY

LSPi Continued

Angie C Pacholke, *Principal*

Dr. Gale Hey, *Area Superintendent*

Implementation Design

Admire and Acquire

All teachers will be required to observe a colleague teaching literacy. These observations will allow teachers to observe colleagues at RSE and at other GCPS schools. Teachers will also have opportunities throughout the year to collaborate with their cluster colleagues.

Kicking It Up A Notch for Students

Targeted students in grades 3-5 will be invited to participate in Club Exceeds which meets 4 days each week from 7:45 - 8:15 a.m. During these sessions students will use SuccessMaker as certified teachers work with them and help them set goals. Also, all students at Rock Springs will have access to EducationCity.com, which has a reading program. Students will have use at school and at home free of charge. Before and/or after school tutoring will also be offered to students in grades 3-5 in the area of reading and writing.

ROCK SPRINGS ELEMENTARY

LSPI Continued

Angie C Pacholke, *Principal*

Dr. Gale Hey, *Area Superintendent*

Kicking It Up A Notch in Literacy

ALL certified teachers, including special education teachers, will participate in a year long book study, The Daily 5. Teachers will meet monthly with the Literacy Coach to discuss the book and collaborate on best practices as we implement the Balanced Literacy Framework in each and every classroom.

SD: Book Study: The Daily 5

ALL certified teachers will read the book, The Daily 5 and meet monthly with the Literacy Coach to discuss the information learned and best ways to implement in the classroom.

SD: CLUSTER VERTICAL WRITING

A select group of 5th grade, 6th grade, 8th grade and 9th grade teachers will participate in ongoing writing staff development which will include a book study (Mechanically Inclined by Jeff Anderson), observations of colleagues and debriefing sessions with colleagues and administrators.

SD: COLLINS HILL CLUSTER COLLABORATION

These sessions are designed to identify Quality Plus Teaching strategies utilized by teachers in the Collins Hill Cluster as evidenced by standardized test scores.

SD: SUMMER LITERACY INSTITUTE

An intensive course in the theory and practice of Readers' and Writers' Workshop in K-12 language arts and literacy strategies for math, science, and social studies.

SD: VISION 2016, PHASE 1, COHORT 2

Rigorous training in the implementation of our balanced literacy framework in K-12 classrooms, including math, science, and social studies classrooms in grades 6-12.

SD: VISION 2016, PHASE 2

Monthly sessions to sustain and extend the learning of our balanced literacy framework acquired in Phase 1 (Cohorts 1 and 2) and the workshop models analyzed in the Summer Literacy Institute. All participants from Vision Phase 1 and the Summer Literacy Institute are strongly encouraged to attend Phase 2.

ROCK SPRINGS ELEMENTARY

LSPI Continued

Angie C Pacholke, *Principal*

Dr. Gale Hey, *Area Superintendent*

Kicking It Up A Notch in Special Education

Special Education teachers and paraprofessionals will participate in a year long staff development that is focused on the following: Technology (AAC devices, PECS, Aut-erobics, etc.), SPED Webinars/Elluminate sessions, GAA, Data Collection, and Behavioral Strategies (FBAs). The sessions are focused to help teachers and paras better meet the educational needs of their individual students.

SD: COLLINS HILL CLUSTER COLLABORATION

These sessions are designed to identify Quality Plus Teaching strategies utilized by teachers in the Collins Hill Cluster as evidenced by standardized test scores.

SD: Training and Collaboration

Special Education teachers and paraprofessionals will participate in a year long staff development that is focused on the following: Technology (AAC devices, PECS, Aut-erobics, etc.), SPED Webinars/Elluminate sessions, GAA, Data Collection, and Behavioral Strategies (FBAs). The sessions are focused to help teachers and paras better meet the educational needs of their individual students.

Parent Involvement

Rock Springs will host a Literacy Night, along with a Book Fair, on November 15, 2010. This event will provide information to parents on how they can help their child at home in the areas of reading and writing. Parents are encouraged to volunteer in their child's classroom throughout the school year. Evening training sessions will also be offered to parents throughout the school year. Also, all parents will have access to EducationCity.com for their children. This computer program has a reading and language arts component. Students will have use at home free of charge.

Peer Leaders

A selected group of 5th grade students will be trained to serve as Peer Leaders to younger students in the building. Peer Leaders will attend a county Peer Leader conference on Oct 7, 2010. These students will also have several weeks of training by the Literacy Coach and Counselor. After training is complete, the Peer Leaders will begin working with younger at-risk students one time each week to support them in the area of reading and writing. Collins Hill High School students will also serve as peer leaders. High School students will be assigned to individual students in grades K-5.

ROCK SPRINGS ELEMENTARY

LSPI Continued

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Student Engagement

In an effort to increase student engagement, teachers will meet in monthly grade level meetings with the administration to review school data including the LSPI, RBES, MyStudents, Elements and Walkthroughs. Sessions will include training on student learning styles in order to create lessons that meet the academic needs of our students while also increasing student engagement.

SD: Grade Level Collaboration

Grade Levels will meet monthly with the administration team to review school data as well as collaborate on ways to meet the academic needs of students and increase student engagement.

Annual Objective

All students in kindergarten through fifth grade will meet or exceed performance targets on local, county and state math assessments through consistent and pervasive implementation of the GCPS Balanced Numeracy Framework, school-wide professional learning, Quality-plus teaching strategies, and data analysis to guide instruction.

Associated Goals

Goal: Mathematics

Implementation Design

Admire and Acquire

All teachers will be required to observe a colleague teaching mathematics. These observations will allow teachers to observe colleagues at RSE and at other GCPS schools. Teachers will also have opportunities throughout the year to collaborate with their cluster colleagues.

ROCK SPRINGS ELEMENTARY

LSPI Continued

Angie C Pacholke, *Principal*

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Kicking It Up A Notch for Students

Targeted students in grades 3-5 will be invited to participate in Club Exceeds which meets 4 days each week from 7:45 - 8:15 a.m. During these sessions students will use SuccessMaker as certified teachers work with them and help them set goals. Also, all students at Rock Springs will have access to EducationCity.com, which has a math program. Students will have use at school and at home free of charge. Before and/or after school tutoring will also be offered to students in grades 3-5 in the area of math. Math Success Nights will also be offered to targeted students based on CRCT results, this will include special education students. These nightly sessions, for parents and students, will provide homework support, technology support and a focused lesson based on grade level instructional calendar. Advanced Content Math (AC) is provided to qualifying students in grades 3-5. This 1 hour class is taught by a gifted certified teacher.

ROCK SPRINGS ELEMENTARY

LSPi Continued

Angie C Pacholke, *Principal*

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Kicking It Up A Notch in Mathematics

ALL certified teachers, including special education teachers, will participate in a year long book study, Good Questions for Math Teaching. Teachers will meet monthly with the Math Coach to discuss the book and collaborate on best practices as we implement the Balanced Numeracy Framework in each classroom.

SD: Book Study: Guided Math

ALL certified teachers will read the book, Good Questions for Math Teaching, and meet monthly with the Math Coach to discuss the information learned and best ways to implement in the classroom.

SD: COLLINS HILL CLUSTER COLLABORATION

These sessions are designed to identify Quality Plus Teaching strategies utilized by teachers in the Collins Hill Cluster as evidenced by standardized test scores.

SD: MATH INSTITUTE - ELEMENTARY

The Math Institute provides effective professional learning through modeling by “master” teachers, peer coaching, and debriefing discussions. Following the summer workshop, ongoing mentoring and implementing of best practices should be evident.

SD: MATH-SCIENCE STAFF DEVELOPMENT

After-school sessions have the primary goal of improving student achievement in mathematics and science by connecting both the math and science AKS with the expected performance-based student outcomes at each grade level. The K-5 sessions are offered by grade level and are in time with the corresponding instructional calendar. One hour is devoted to mathematics instruction and the second hour is devoted to science instruction. The science sessions will focus on problem solving and include the vertical alignment of scientific processing, essential vocabulary lists, document based questions, mathematics integration, mastery-based lab activities, relevant technology, and the modeling of Quality-Plus Instructional Strategies. Instructional plans are developed, modeled, and practiced to guide the daily lesson planning for elementary school teachers. The math sessions will model rigorous lessons for upcoming AKS. Each session will focus on a different component of the Balanced Numeracy framework. Session 1 is focused on Informal Assessment, Session 2 on Quality Questioning, Session 3 on Problem Solving, Session 4 on Student Collaboration, and Session 5 on Activating and ...

SD: ONLINE BOOK STUDY – CLASSROOM DISCUSSIONS: Using Math Talk to Help Students Learn, Grades K-6 by Chapin, O’Connor, & Anderson, 2nd ed. - ELEMENTARY

This course is designed to provide ongoing collaborative discussions to improve teaching and learning in Mathematics. It promotes the effective use of questioning and teaches effective tools for increasing student thinking.

ROCK SPRINGS ELEMENTARY

LSPI Continued

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SD: STAFF DEVELOPMENT/MENTORING FOR MATH SPECIALISTS & COACHES - ELEMENTARY

Specialists/coaches will maximize their professional impact within their classrooms and at their local schools by increasing their level of math expertise. They will observe high-level lessons modeled using the Q+ strategies and a variety of resources to improve instruction.

Parent Involvement

Rock Springs will host a Math Night October 4, 2010. This event will provide information to parents on how they can help their child at home in the area of Math. Parents are encouraged to volunteer in their child's classroom throughout the school year. Evening training sessions will also be offered to parents throughout the school year. We will also offer Online Math Tutorial support through the county for students in grades 3-5. There is a \$10 charge to parents to participate. Also, all parents will have access to EducationCity.com for their children. This computer program has a math component. Students will have use at home free of charge.

Peer Leaders

A selected group of 5th grade students will be trained to serve as Peer Leaders to younger students in the building. Peer Leaders will attend a county Peer Leader conference on Oct 7, 2010. These students will also have several weeks of training by the Literacy Coach and Counselor. After training is complete, the Peer Leaders will begin working with younger at-risk students one time each week to support them in the area of math. Collins Hill High School students will also serve as peer leaders. High School students will be assigned to individual students in grades K-5.

Student Engagement

In an effort to increase student engagement, teachers will meet in monthly grade level meetings with the administration to review school data including the LSPI, RBES, MyStudents, Elements and Walkthroughs. Sessions will include training on student learning styles in order to create math lessons that meet the academic needs of our students while also increasing student engagement.

SD: Grade Level Collaboration

Grade Levels will meet monthly with the administration team to review school data as well as collaborate on ways to meet the academic needs of students and increase student engagement.

Annual Objective

Rock Springs Certified Staff will collaborate with teachers from other Collins Hill Cluster Schools. Collaboration will occur vertically within elementary, middle and high school levels; as well as across grade level and subject areas. Staff members will discuss effective methods to increase student achievement.

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LSPi Continued

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Associated Goals

Goal: Cluster of Collaboration

Implementation Design

Collins Hill Cluster Collaboration Sessions

Administrators and staff members from Collins Hill High School, Creekland Middle, McKendree Elementary, Walnut Grove Elementary, Taylor Elementary and Rock Springs Elementary will meet throughout the school year to discuss effective methods of increasing student achievement and closing the achievement gap.

SD: CLUSTER VERTICAL WRITING

A select group of 5th grade, 6th grade, 8th grade and 9th grade teachers will participate in ongoing writing staff development which will include a book study (Mechanically Inclined by Jeff Anderson), observations of colleagues and debriefing sessions with colleagues and administrators.

SD: COLLINS HILL CLUSTER ALIGNMENT

Throughout the school year, administrators will meet with selected teachers in grades 5, 6, 8, and 9 to review policies and procedures at each school within the Cluster to ensure cluster alignment for all our stakeholders. The focus of discussions will revolve around the following topics: RTI, Discipline, Attendance, Grading, Parent Involvement/Communication and Student Transitions from elementary to middle school and middle to high school. This team will report back to their home school.

SD: COLLINS HILL CLUSTER COLLABORATION

These sessions are designed to identify Quality Plus Teaching strategies utilized by teachers in the Collins Hill Cluster as evidenced by standardized test scores.

SD: TRANSFORMING SCHOOL CULTURE IN THE COLLINS HILL CLUSTER

ALL employees in the Collins Hill Cluster will have the opportunity to participate in a Cluster Staff Development session that will be held on Saturday, Sept. 18 from 9-12. Dr. Anthony Muhammed will be the presenter at this year's event. Each school will have follow-up sessions on this topic to be lead by administrators.

Annual Objective

ROCK SPRINGS ELEMENTARY

LSPI Continued

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Rock Springs Elementary will increase academic performance in the area of Science for all students and subgroups in order to meet or exceed annual targets through professional learning, collaborative planning, an increase in integration of science across the curriculum, inquiry-based lessons, vocabulary development, and the use of a Science Lab for all students.

Associated Goals

Goal: Science

Implementation Design

Kicking It Up A Notch in Science

ALL certified teachers, including special education teachers, will participate in on-going staff development focused on inquiry based learning, vocabulary development, and student engagement. Teachers will meet monthly with the Admin Team to review school data and discuss best practices.

SD: MATH-SCIENCE STAFF DEVELOPMENT

After-school sessions have the primary goal of improving student achievement in mathematics and science by connecting both the math and science AKS with the expected performance-based student outcomes at each grade level. The K-5 sessions are offered by grade level and are in time with the corresponding instructional calendar. One hour is devoted to mathematics instruction and the second hour is devoted to science instruction. The science sessions will focus on problem solving and include the vertical alignment of scientific processing, essential vocabulary lists, document based questions, mathematics integration, mastery-based lab activities, relevant technology, and the modeling of Quality-Plus Instructional Strategies. Instructional plans are developed, modeled, and practiced to guide the daily lesson planning for elementary school teachers. The math sessions will model rigorous lessons for upcoming AKS. Each session will focus on a different component of the Balanced Numeracy framework. Session 1 is focused on Informal Assessment, Session 2 on Quality Questioning, Session 3 on Problem Solving, Session 4 on Student Collaboration, and Session 5 on Activating and ...

SD: Science Collaboration

Teachers will meet monthly with administrators in grade level groups to review data and collaborate on best practices for science instruction. Inquiry based instruction and vocabulary development will be the focus of these planning sessions.

ROCK SPRINGS ELEMENTARY

LSPI Continued

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Science Day

January 24, 2010 will be Science Day at Rock Springs Elementary. On this day, all teachers will focus on science across the curriculum. Special Science presentations will be provided to all students based on their grade level AKS. Parents will be invited to attend this presentations and asked to volunteer as presenters.

Science Lab

All classroom teachers will be assigned a bi-weekly 60 minute Science Lab session. These lessons will be inquiry-based and support higher level thinking and problem solving strategies. Grade Level teachers will collaborate on the lessons taught to ensure they follow the Instructional Calendar for their grade level. Each grade level has a Science Contact Teacher that will organize schedule and materials for each Science Lab visit.