



2011 - 2012 Local School Plan For Improvement

LSPI Objectives

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.

2011-2012 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.

ROCK SPRINGS ELEMENTARY

LSPi Continued

Angie C Pacholke, *Principal*

Dr. Gale Hey, *Area Superintendent*

2011-2012 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: All students in kindergarten through fifth grade will meet or exceed performance targets on local, county and state science assessments through collaborative planning, increased inclusion in general education classrooms, critical thinking and problem solving strategies, writing in the content area strategies, vocabulary development, and use of science lab.

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.

ROCK SPRINGS ELEMENTARY

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.

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 and kindergarten paraprofessionals will be required to observe a colleague who effectively implements a balanced literacy framework in his/her classroom. Debriefing sessions will be planned throughout the course of the school year so teachers can collaborate on what they learned and how they will implement this learning into their classrooms.

ROCK SPRINGS ELEMENTARY

LSPI Continued

Angie C Pacholke, *Principal*

Dr. Gale Hey, *Area Superintendent*

Balanced Literacy Framework

ALL certified teachers, including special education teachers, will meet monthly in vertical teams (K-2 and 3-5) with the Literacy Coach to continue reviewing the book "Daily 5" which was read as part of last year's staff development plan and collaborate on best practices as we implement the Balanced Literacy Framework in each and every classroom. Technology tools (eBooks, websites, Mimio Boards, etc.) will be an important part of our Literacy Plan. Teachers will be encouraged and trained to use multiple types of technology.

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

Throughout the school year sessions will be held for cluster teachers to come together and collaborate as grade level teams and vertical teams. 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: ELEMENTARY SUMMER LITERACY INSTITUTE

Three-day conference for teachers of all content areas focusing on the appropriate implementation of literacy-rich strategies in the classroom.

SD: LANGUAGE ARTS VISION [ES]

Year-long series of sessions (one Saturday per month) to build consistent, pervasive, and rigorous literacy practices that align with our district expectations for literacy teaching and learning in all content areas.

SD: Literacy Collaboration

ALL certified staff will meet monthly in vertical teams (K-2 and 3-5) with the Literacy Coach and Admin Team to review the instructional calendars, plan mini-lessons and small group instruction, create common assessments, review local school and county data, and collaborate on best practices. ALL staff will also meet monthly in grade level groups with the Principal to review LPSI, RBES, and all local and county data.

ROCK SPRINGS ELEMENTARY

LSPI Continued

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Parent Involvement

RSE will host an Instructional Night for students and their parents on Monday, November 14. This event will provide strategies to parents on how they can help their child at in home in the areas of reading and writing. During the weeks of November 7-14, and February 27 - March 5 the school will host a Book Fair. These Book Fairs are open to our school community and scheduled during times when parent evening events are scheduled. Parents continued to be encouraged to volunteer in our classrooms and Media Center throughout the year. All parents and students have access to the online program Education City. This program is offered free of charge and can be access from the student's home computer. On Monday, January 23 an evening session titled "How to be Prepared for the 5th grade Writing Test" will be offered to 5th grade students and their parents. A parent/student CRCT informational meeting will held the evening of March 5 as part of the PTA meeting.

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. These students will also have several weeks of training by the Literacy Coach and Counselor. After training is complete, the Peer Leaders will beging 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.

Special Education

ALL special education teachers and paraprofessionals will participate in monthly sessions focused on specific needs related to special education instruction. These sessions will be lead by teacher experts, local school administrators and county leaders/experts in the special education field.

SD: Special Education Collaboration

Special Education teachers and paraprofessionals will participate in a year long staff development training that will meet for at least 1 hour each month. The sessions will be focused on the following: Technology in the Special Ed Classroom, SPED Webinars/Elluminate sessions, GAA, Data Collection, and Behavior Strategies (FBAs).

ROCK SPRINGS ELEMENTARY

LSPI Continued

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Success for ALL Students

Targeted students in grades 3-5 will be invited to participate in Club Ex which meets 4 days each week from 7:45-8:15 a.m. from August - March. During these sessions students will use SuccessMaker as certified teachers work with individual students to monitor progress and set goals. Additionally, ALL students (K-5) will have access to Education City both at school and home. Every classroom is required to use the computer lab one 45 minute session each week to use Education City or SuccessMaker. Teachers are able to schedule additional computer lab time each week. Students in grades 3-5 will participate in a Technology Special co-taught by the LSTC and Media Specialist. Before and after school tutoring will also be offered to targeted students in grades 3-5 in the area of reading and writing. January - March, at-risk 5th grade writing students will have the opportunity to participate in writing sessions to help improve their writing skills. In February, Saturday sessions will be offered to targeted 5th grade students to provide them with writing instruction to reach the EXCEEDS level on the 5th grade writing test. AC Language Arts will be offered in grades 3-4 and AC Reading will be offered to qualifying 5th grade students. The Literacy Coach and Media Specialist sponsor a Reader's Rally Club. Students in grades 4 & 5 are encouraged to participate in this reading club.

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.

Associated Goals

Goal: Mathematics

Implementation Design

Admire and Acquire

All teachers and kindergarten paraprofessionals will be required to observe a colleague who effectively implements a balanced numeracy framework in his/her classroom. Debriefing sessions will be planned throughout the course of the school year so teachers can collaborate on what they learned and how they will implement this learning into their classrooms.

ROCK SPRINGS ELEMENTARY

LSPi Continued

Angie C Pacholke, *Principal*

Dr. Gale Hey, *Area Superintendent*

Balanced Numeracy Framework

ALL certified teachers, including special education teachers, will meet monthly in vertical teams (K-2 and 3-5) with the Math Coach to continue reviewing the book "Guided Math" which was read as part of last year's staff development plan and collaborate on best practices as we implement the Balanced Numeracy Framework in each and every classroom. Technology tools (eBooks, websites, Mimio Boards, etc.) will be an important part of our Math Plan. Teachers will be encouraged and trained to use multiple types of technology.

SD: Guided Math Collaboration

ALL certified staff will meet monthly in vertical teams (K-2 and 3-5) with the Math Coach and Admin Team to review the instructional calendars, plan mini-lessons and small group instruction, create common assessments, review local school and county data, and collaborate on best practices. ALL staff will also meet monthly in grade level groups with the Principal to review LPSI, RBES, and all local and county data.

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 ONLINE TUTORIALS TO IMPROVE VERTICAL ALIGNMENT - ELEMENTARY

This course is designed to provide teachers an opportunity to understand the vertical alignment in mathematics from 3th to 6th grades. Teachers could earn 1 PLU for going through the online tutorials that are provided free of charge to teachers through Online Campus. This self-paced course should conclude with vertical conversations at the local school to improve teaching and learning of Mathematics. Teachers will be required to go through the tutorials one grade level below the grade they are teaching and one grade level above the grade they are teaching.

SD: MATH-SCIENCE STAFF DEVELOPMENT [ES]

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, vocabulary lists, document based questions, mathematics integration, mastery-based lab activities, relevant technology, and integrates the modeling of Quality-Plus Instructional Strategies. Instructional plans are developed, modeled, and practiced to guide the daily lesson planning for elementary school teachers.

ROCK SPRINGS ELEMENTARY

LSPI Continued

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SD: MATH/SCIENCE STAFF DEVELOPMENT - ELEMENTARY

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 ...

Parent Involvement

RSE will host an Instructional Night for students and their parents on Monday, November 14. This event will provide strategies to parents on how they can help their child at in home in the areas of math computation and problem solving. Parents continued to be encouraged to volunteer in our classrooms. All parents and students have access to the online program Education City. This program is offered free of charge and can be access from the student's home computer. A parent/student CRCT informational meeting will held the evening of March 5 as part of the PTA meeting

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. These students will also have several weeks of training by the Math Coach and Counselor. After training is complete, the Peer Leaders will be beginning 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.

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LSPI Continued

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Success for ALL Students

Targeted students in grades 3-5 will be invited to participate in Club Ex which meets 4 days each week from 7:45-8:15 a.m. from August - March. During these sessions students will use SuccessMaker as certified teachers work with individual students to monitor progress and set goals. Additionally, ALL students (K-5) will have access to Education City both at school and home. Every classroom is required to use the computer lab one 45 minute session each week to use Education City or SuccessMaker. Teachers are able to schedule additional computer lab time each week. Students in grades 3-5 will participate in a Technology Special co-taught by the LSTC and Media Specialist. Before and after school tutoring will also be offered to targeted students in grades 3-5 in the area of math. In the Fall and Spring, Math Bootcamp will be offered on two Saturdays for targeted students in grades 3-5. AC Math will be offered in grades 3-5, in addition a gifted Math class will be offered in 4th grade. Students in grades 2-5 will have the opportunity to participate in the Robotics Club which has 6 week sessions that meet throughout the year.

Annual Objective

All students in kindergarten through fifth grade will meet or exceed performance targets on local, county and state science assessments through collaborative planning, increased inclusion in general education classrooms, critical thinking and problem solving strategies, writing in the content area strategies, vocabulary development, and use of science lab.

Associated Goals

Goal: Science

Implementation Design

Parent Involvement

Rock Springs will host Science and Technology Night on September 26. This event will allow parents to visit the Science Lab, Computer Labs and select classrooms to participate in science and technology lessons. The sessions will be taught by RSE teachers and middle and high school science teachers from across the district. This night is designed to encourage families to explore the world of Science and Technology that is all around them. Parents are encouraged to volunteer in the Science Lab and with the Robotics Club and Flare Team.

ROCK SPRINGS ELEMENTARY

LSPI Continued

Angie C Pacholke, *Principal*

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Science

ALL certified teachers, including special education teachers, will meet monthly with the Admin Team to review data and collaborate on best practices for science instruction. Technology tools (eBooks, websites, Mimio Boards, etc.) will be an important part of our Science Plan. Teachers will be encourage and trained to use multiple types of technology.

SD: CLUSTER VERTICAL CONTENT WRITING (SCIENCE)

A select group of 5th grade, 6th grade, 8th grade and 9th grade teachers will participate in content writing, focused on Science, staff development which will include a book study (Writing Strategies for Science), observations of colleagues and debriefing sessions with colleagues and administrators.

SD: MATH-SCIENCE STAFF DEVELOPMENT [ES]

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, vocabulary lists, document based questions, mathematics integration, mastery-based lab activities, relevant technology, and integrates the modeling of Quality-Plus Instructional Strategies. Instructional plans are developed, modeled, and practiced to guide the daily lesson planning for elementary school teachers.

SD: MATH/SCIENCE STAFF DEVELOPMENT - ELEMENTARY

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 ...

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LSPI Continued

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SD: Science Collaboration

ALL certified staff will meet throughout the year with the admin team to review data and collaborate on best practices for science instruction. These sessions will be lead by AP Julie Mosley, former GCPS Science Coach. These sessions will focus on inquiry-based lessons, vocabulary development, critical thinking and problem solving skills, writing in the content area, common assessments, and how to effectively use the science lab for instruction. Teachers will also work together to plan a Science Day at RSE on January 23. During the school day all students will have the opportunity to focus on Science throughout the school day.

Success for ALL Students

January 23, 2012 will be Science Day at RSE. 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. All teachers will be assigned a bi-weekly 60 minute Science Lab session. The lessons taught in the lab will follow the instructional calendar. These calendars will be inquiry-based and support higher level thinking and problem solving skills. Teachers will collaborate to plan the labs. Teacher are able to reserve the Science Lab for additional lab time throughout the school year. A Robotics Club is lead by our Gifted teachers throughout the school year for students in grades 2-5.