2010-2011 Local School Plan For Improvement

LSPI Objectives

December 2010

ROCKBRIDGE ELEMENTARY

Kelly K McConnachie, *Principal*

Calvin Watts, *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: All Rockbridge Elementary students will become motivated, competent readers and writers who demonstrate fluency as they interpret, comprehend and value all genres of literature. All students will communicate successfully in oral and written forms, and use research skills effectively to gather and present information.

Objective: Students in Kindergarten through fifth grade will complete the school meeting or exceeding annual grade level reading and writing targets as measured by GCPS reading and writing rubrics through the effective implementation of engaging reading and writing workshop models of small group instruction.

Objective: Students third through fifth grade will meet or exceed annual performance targets for all students and subgroups on state reading, language arts, and writing assessments through increased student engagement in reading, language arts, and writing skills development in the small group workshop model.

Objective: Students who are already meeting grade level targets, Kindergarten through fifth grade, will be accelerated to demonstrate "exceeding" target performance through increased student engagement in reading, language arts, and writing skills development in the small group workshop model.

ROCKBRIDGE ELEMENTARY
LSPI Continued

Kelly K McConnachie, ***Principal*** Calvin Watts, ***Area Superintendent***

2010-2011 Long Term Goals and Objectives

Goal: All Rockbridge Elementary School students will become confident and knowledgeable problem-solvers, who have a conceptual understanding of numbers, can compute, thinking critically, and communicate their thoughts and mathematical reasoning effectively. All students will be able to transfer their mathematical thinking to other content areas.

Objective: Students in Kindergarten through fifth grade will increase academic performance in mathematics to meet or exceed GCPS annual targets through problem solving strategies, vocabulary development, computation skills, targeted instruction and goal setting/progress monitoring.

Objective: Students in Kindergarten through fifth grade will increase computational fluency as included in the GCPS curriculum.

Objective: Students at Rockbridge Elementary who are already meeting grade level targets in Kindergarten through fifth grade will be accelearated to demonstrate "exceeding" target performance through increased student engagement in mathematics development in the whole and small group instructional models.

Goal: All students at Rockbridge Elementary School will become scientific thinkers and critical problem solvers capable of using the scientific process and inquiry method to formulate and solve problems. Students will be able to communicate solutions clearly using multiple mediums.

Objective: Students in Kindergarten through fifth grade who are already meeting grade level targets in science will be accelerated to demonstrate "exceeding" target performance through increased student engagement in the scientific process.

Objective: Students in Kindergarten through fifth grade will complete the school term meeting or exceeding annual performance targets as measured by GCPS curriculum. Science content and skills will be integrated across the curriculum.

Objective: Students in Kindergarten through fifth grade will focus on the scientific method by participating in experiments, problem solving and critical thinking.

ROCKBRIDGE ELEMENTARY
LSPI Continued

Kelly K McConnachie, ***Principal*** Calvin Watts, ***Area Superintendent***

Schools Goals - ROCKBRIDGE ELEMENTARY

Goal Title	Goal	Start School Year	End School Year
Excellence in Literacy	All Rockbridge Elementary students will become motivated, competent readers and writers who demonstrate fluency as they interpret, comprehend and value all genres of literature. All students will communicate successfully in oral and written forms, and use research skills effectively to gather and present information.	2010-11	2013-14
Mastery of Critical Thinking in Mathematics	All Rockbridge Elementary School students will become confident and knowledgeable problem-solvers, who have a conceptual understanding of numbers, can compute, thinking critically, and communicate their thoughts and mathematical reasoning effectively. All students will be able to transfer their mathematical thinking to other content areas.	2010-11	2013-14
Mastery of Scientific Thinking	All students at Rockbridge Elementary School will become scientific thinkers and critical problem solvers capable of using the scientific process and inquiry method to formulate and solve problems. Students will be able to communicate solutions clearly using multiple mediums.	2010-11	2013-14

Annual Objective

Students in Kindergarten through fifth grade will complete the school meeting or exceeding annual grade level reading and writing targets as measured by GCPS reading and writing rubrics through the effective implementation of engaging reading and writing workshop models of small group instruction.

Associated Goals

Goal: Excellence in Literacy

Implementation Design

ROCKBRIDGE ELEMENTARY
LSPI Continued

Kelly K McConnachie, ***Principal*** Calvin Watts, ***Area Superintendent***

Collaborative Planning
Teachers of all grade levels will participate in collaborative planning weekly to plan instruction.

ESOL Push-In Model
ESOL teachers will push in to classrooms to support students on Tier 2-3 when feasible.

Full Implementation of Reading/Writing Workshop Model
Full implementation of the reading/writing small group instruction workshop model

SD: Book Study on Reading/Writing Workshop model
Teachers will select one choice of several titles of books to participate in a book study to learn best practices and tips for implementing reading/writing workshop model.

SD: Differentiated Instruction
Staff will be given staff development on effective ways to differentiate instruction in their classroom.

SD: Increase Parent Involvement during Workshop time
Teachers will increase parent involvement in the school as well as their classroom by utilizing parent support during the workshop model time.

SD: Lab Classrooms to model Reading/Writing Workshop
Lab classrooms will be used as a model for other teachers to show effective teaching of grade level AKS using small group guided instruction.

SD: Literacy Coaching
2 literacy coaches (k-2 and 3-5) will work with teachers collaboratively throughout the year to effectively implement the workshop model.

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.

Reading Recovery Program
Students in the lowest 20% of academic achievement will receive Reading Recovery program support in first grade.

Annual Objective

Students third through fifth grade will meet or exceed annual performance targets for all students and subgroups on state reading, language arts, and writing assessments through increased student engagement in reading, language arts, and writing skills development in the small group workshop model.

Associated Goals

Goal: Excellence in Literacy

Implementation Design

Cafeteria Writing for 4th and 5th grades
Guided practice for students in grades 4-5 will be modeled after the GCPS writing assessment.

Collaborative Planning
Grade levels will participate in collaborative planning weekly to plan instruction.

ESOL Push-in Model
ESOL teachers will push in to classrooms to support students on Tier 2-3 when feasible.

Full Implementation of Reading/Writing Workshop Model
Full implementation of the reading/writing small group instruction workshop model

SD: Reading/Writing Workshop
please see staff development strategies for Annual Objective #1.

Tutorial Support for Level One students
Students, grades 3-5, who score in the Level 1 (Does Not Meet) category on state testing will receive additional tutorial support.

Annual Objective

Students who are already meeting grade level targets, Kindergarten through fifth grade, will be accelerated to demonstrate "exceeding" target performance through increased student engagement in reading, language arts, and writing skills development in the small group workshop model.

Associated Goals

Goal: Excellence in Literacy

Implementation Design

Cluster- Gifted Endorsement Certification
Meadowcreek cluster sending several participants from each school for their gifted certification through CaseNex program.

Collaborative Planning
Grade levels will participate in collaborative planning weekly to plan instruction.

Full Implementation of Reading/Writing Workshop Model
full implementation of the reading/writing small group instruction workshop model

SD: Reading/Writing workshop
please see staff development strategies for Annual Objective #1.

Sharing of Enrichment Activities to extend grade level AKS
Gifted teachers and teacher leaders will share enrichment actiivities and ideas with staff to extend the learning of grade level AKS.

ROCKBRIDGE ELEMENTARY
LSPI Continued

Kelly K McConnachie, ***Principal*** Calvin Watts, ***Area Superintendent***

Annual Objective

Students in Kindergarten through fifth grade will increase academic performance in mathematics to meet or exceed GCPS annual targets through problem solving strategies, vocabulary development, computation skills, targeted instruction and goal setting/progress monitoring.

Associated Goals

Goal: Mastery of Critical Thinking in Mathematics

Implementation Design

Collaborative Planning
Grade levels will participate in collaborative planning weekly to plan instruction.

CQI (Action Packed Learning) Math focus
During our daily 30 min. of CQI time, teachers will focus on math instruction. Each classroom will receive a support teacher.

ESOL push in model
ESOL teachers will push in to classrooms to support students on Tier 2-3 when feasible.

Guided Math Instruction in pilot classrooms
Pilot classrooms throughout the school will be implementing the guided math instruction.

SD: Lab classrooms
Teachers will have the opportunity to rotate through the pilot (lab) classrooms where teachers are modeling guided math instruction.

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: 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.

Math Special
Each grade will rotate through our math special on the fine arts schedule. Students will engage in hands on activities that support the mastery of the AKS.

Math/Science Night
Parents and students will be invited to attend a Math/Science night at RES with interactive activities for all.

Tutorial Support in Math
Students who are struggling with mathematical concepts will receive additional support for targeted AKS.

Whitzzle Pro Tournament Participation
Selected students will participate in the county Whitzzle Pro tournament.

Annual Objective

Students in Kindergarten through fifth grade will increase computational fluency as included in the GCPS curriculum.

Associated Goals

Goal: Mastery of Critical Thinking in Mathematics

Implementation Design

Collaborative Planning
Grade levels will participate in collaborative planning weekly to plan instruction.

CQI (Action Packed Learning) time
During our daily 30 min. of CQI time, teachers will focus on math instruction. Each classroom will receive a support teacher.

ESOL push in collaboration
ESOL teachers will push in to classrooms to support students on Tier 2-3 when feasible.

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Tutorial for Math
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Whitzzle Pro Tournament Participation
Selected students will participate in the county Whitzzle Pro tournament.

Annual Objective

Students at Rockbridge Elementary who are already meeting grade level targets in Kindergarten through fifth grade will be accelearated to demonstrate "exceeding" target performance through increased student engagement in mathematics development in the whole and small group instructional models.

Associated Goals

Goal: Mastery of Critical Thinking in Mathematics

Implementation Design

Collborative Planning
Grade levels will participate in collaborative planning weekly to plan instruction.

CQI (Action Packed Learning) time
During our daily 30 min. of CQI time, teachers will focus on math instruction. Each classroom will receive a support teacher.

Focus Activities for Acceleration
Focus teachers, math coach, and math specialist will provide teachers with enrichment activities to extend grade level AKS with targeted students.

Math Special
Each grade will rotate through our math special on the fine arts schedule. Students will engage in hands on activities that support the mastery of the AKS.

Math/Science Night
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Whitzzle Pro Tournament Participation
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Annual Objective
Students in Kindergarten through fifth grade who are already meeting grade level targets in science will be accelerated to demonstrate "exceeding" target performance through increased student engagement in the scientific process.

Associated Goals
Goal: Mastery of Scientific Thinking

Implementation Design
Collaborative Planning
Grade levels will participate in collaborative planning weekly to plan instruction.

Differentiated Instruction
Students will receive small group and whole group instruction covering grade level AKS. Curriculum will also be integrated across subjects.

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 ...

Focus teachers support for acceleration
Focus teachers will provide classroom/support teachers with accerleartion ideas and activities to extend grade level AKS.

Increased Parental Involvement in Science
Parents will be encouraged to participate in classroom activities and Science Fair during the school year.

Science Fair
Students in K-5 will be encouraged to participate in a school wide Science Fair.

Science Special
Students in K-5 will each rotate through our science special on the Fine Arts schedule. Students will receive hands-on instruction to master the AKS.

SD: SCIENCE SPECIALIST IMPACT TRAINING

Specialists will maximize their professional impact within their classrooms and at their local schools by increasing their level of science literacy as it relates to instructional coaching. They will explore the importance of relationship and team building as they prepare to work with instructional teams throughout their buildings; strategically evaluate instructional resources to ensure their tight alignment to the content standards; explore the best strategies for utilizing data to make instructional decisions, and discover opportunities for expanding the use of a variety of resources to improve instruction.

Use of Journals in Science
Students will use journaling as part of their science learning in the classroom and science special.

Annual Objective
Students in Kindergarten through fifth grade will complete the school term meeting or exceeding annual performance targets as measured by GCPS curriculum. Science content and skills will be integrated across the curriculum.

Associated Goals
Goal: Mastery of Scientific Thinking

Implementation Design
Collaborative Planning
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ROCKBRIDGE ELEMENTARY
LSPI Continued

Kelly K McConnachie, ***Principal*** | Calvin Watts, ***Area Superintendent***

Annual Objective

Students in Kindergarten through fifth grade will focus on the scientific method by participating in experiments, problem solving and critical thinking.

Associated Goals

Goal: Mastery of Scientific Thinking

Implementation Design

Collaborative Planning

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Differentiated Instruction

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