



# 2012 - 2013 Local School Plan For Improvement

## LSPI Objectives

### BROOKWOOD ELEMENTARY

Karen G Head, *Principal*

Dr. Gwen Tatum, *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.

#### 2012-2013 Long Term Goals and Objectives

**Goal:** Brookwood Elementary will increase academic performance in language arts including reading, writing and the application of those skills into science and social studies for students in all subgroups to meet and/or exceed annual targets through professional development, instructional strategies including student interventions and extensions, and parental involvement.

**Objective:** The average total language arts score for grades 3 and 5 will be greater than the 75th percentile on the NPR on the ITBS in fall 2012. At least 96% of grades 3-5 students will score in levels 2 and 3 and 65% of grades 3-5 students will score in level 3 on the reading and English language arts CRCT in spring 2013. At least 98% of all students in grade 5 will meet or exceed standards on the Grade 5 Writing Assessment in spring 2013 and at least 45% will exceed standards.

**Objective:** At least 95% of all students in grades 3-5 will score in performance levels 2 and 3 and at least 65% will score in level 3 on the science and social studies CRCT in spring 2013.

# BROOKWOOD ELEMENTARY

## LSPI Continued

Karen G Head, *Principal*

Dr. Gwen Tatum, *Area Superintendent*

### 2012-2013 Long Term Goals and Objectives

**Goal:** Brookwood Elementary will increase academic performance in mathematics including the application of these skills into science for students in all subgroups to meet or exceed annual targets through professional development, instructional strategies including student supports and extensions, and parental involvement.

**Objective:** The average total math score for grades 3 and 5 will be greater than the 85th percentile on the NPR on the ITBS in fall 2012. At least 96% of all students in grades 3-5 will score in levels 2 and 3 and at least 70% will score in level 3 on the math CRCT in spring 2013.

# BROOKWOOD ELEMENTARY

## LSPI Continued

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### Schools Goals - BROOKWOOD ELEMENTARY

Goal Title	Goal	Start School Year	End School Year
K-12 Georgia STEM Program Certification and Math and Science Acceleration	The Brookwood Cluster will increase rigor for all students to reach their greatest potential through appropriate acceleration in science, technology, engineering, and math.	2010-11	2014-15
K-5 Students Literacy Goal	Brookwood Elementary will increase academic performance in language arts including reading, writing and the application of those skills into science and social studies for students in all subgroups to meet and/or exceed annual targets through professional development, instructional strategies including student interventions and extensions, and parental involvement.	2010-11	2014-15
K-5 Students Mathematical Goal	Brookwood Elementary will increase academic performance in mathematics including the application of these skills into science for students in all subgroups to meet or exceed annual targets through professional development, instructional strategies including student supports and extensions, and parental involvement.	2010-11	2014-15

### Annual Objective

The average total language arts score for grades 3 and 5 will be greater than the 75th percentile on the NPR on the ITBS in fall 2012. At least 96% of grades 3-5 students will score in levels 2 and 3 and 65% of grades 3-5 students will score in level 3 on the reading and English language arts CRCT in spring 2013. At least 98% of all students in grade 5 will meet or exceed standards on the Grade 5 Writing Assessment in spring 2013 and at least 45% will exceed standards.

### Associated Goals

**Goal:** K-5 Students Literacy Goal

# BROOKWOOD ELEMENTARY

## LSPI Continued

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### Implementation Design

#### Instructional Strategies/Collaboration/Parental Involvement

Brookwood Elementary will collaboratively plan to use differentiated instruction, to integrate science and social studies, to use targeted interventions, to develop vocabulary, to explicitly teach fluency and comprehension strategies and writing skills, and will focus on increasing text complexity and informational reading and writing in order to increase the success of all students. Parents will have opportunities to participate throughout the year in activities to increase their understanding of the AKS to better support their child's learning.

#### SD: Brookwood Cluster Literacy Vertical Team

The Brookwood cluster is looking to enhance the ability of all teachers throughout the cluster to effectively teach all genres of writing and to further develop collaboration between teachers at different levels. The Literacy Vertical team will also support the integration of evidence based writing across the curriculum and will be exploring and analyzing the use of interactive note-taking.

#### SD: Brookwood Cluster Special Education Vertical Team

The Brookwood special education instructors are looking to build successful transitions for students with disabilities and their parents across each educational level by sharing processes that are working across the cluster as well as developing common goals and sharing concerns. It is also designed to share information about placement, eligibility, potential curriculum and transition issues as well as diploma implications to ensure continuity throughout the cluster.

#### SD: Brookwood Cluster Technology Vertical Team

The Brookwood cluster seeks to use technology in ways that will increase student learning. The technology vertical team supports instruction by providing for professional learning and coaching, mentoring, and peer observations for tech team members in the area of technology integration. The vertical team works together in visioning sessions to research and evaluate emerging technologies for possible future use in cluster instruction and shares tools and strategies for using technology in parent and community communications to provide parents with a smooth transition from the elementary to middle to high school levels.

#### SD: Collaborating to Meet the Needs of Students

Teachers will work with our reading specialist to develop strategies to better assess and support reading fluency and comprehension as we implement the common core.

# BROOKWOOD ELEMENTARY

## LSPI Continued

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### 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: Using Technology to Improve Student Achievement in Language Arts

Teachers will develop Mimio lessons, collaborate to share technology resources and implement these strategies into daily language arts instruction.

## Annual Objective

The average total math score for grades 3 and 5 will be greater than the 85th percentile on the NPR on the ITBS in fall 2012. At least 96% of all students in grades 3-5 will score in levels 2 and 3 and at least 70% will score in level 3 on the math CRCT in spring 2013.

## Associated Goals

**Goal:** K-5 Students Mathematical Goal

## Implementation Design

### Collaboration/Instructional Strategies/Parental Involvement

Brookwood Elementary will collaboratively plan to emphasize mathematical thinking and problem solving, to provide ongoing maintenance of concepts and skills, to use differentiated instruction, to use targeted interventions and extensions, to provide acceleration and to develop vocabulary in order to increase the success of all students. Parents will have opportunities to participate throughout the year in activities to increase their understanding of the AKS to better support their child's learning.

### SD: 2012/2013 Math and Science Staff Development Training

Year-long training (10 hours total) that provides teachers with a focus on support of newly aligned AKS content and quality instructional practice in Math, and infusion of Technology, Inquiry, Differentiation, and Engagement (T.I.D.E.) in Science instruction to improve technical literacy, problem-solving skills, and student achievement.

# BROOKWOOD ELEMENTARY

## LSPI Continued

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**SD: Brookwood Cluster Math Vertical Team**

The Brookwood cluster is looking to enhance the ability of math teachers throughout the cluster to effectively teach problem-solving methods and mathematical communication and to provide opportunities for math teachers to see and further develop fluid connections between the various levels of mathematical understanding up to and including the AP level. It is also designed to facilitate the sharing of methods and materials among math teachers throughout the cluster.

**SD: Collaborate to Meet the Needs of Students in Math**

Teachers will participate in professional learning during the year to plan and implement the common core standards in math.

**SD: Improving Student Achievement in Math through Technology**

Teachers will develop Mimio lessons, collaborate to share technology resources, and implement these strategies into daily math instruction to improve student achievement.

**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: Meeting the Needs of Students With Disabilities in Math**

Special education teachers will collaborate during the year to develop strategies for improving student achievement in math for students with disabilities.

### Annual Objective

At least 95% of all students in grades 3-5 will score in performance levels 2 and 3 and at least 65% will score in level 3 on the science and social studies CRCT in spring 2013.

### Associated Goals

**Goal:** K-5 Students Literacy Goal

# BROOKWOOD ELEMENTARY

## LSPI Continued

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### Implementation Design

#### Collaboration/Instructional Strategies/Parental Involvement

Brookwood Elementary will collaboratively plan to promote critical thinking, to use differentiated instruction, to integrate science and social studies into the reading workshop, to use targeted interventions, to use graphic organizers to develop vocabulary and to support understanding of concepts and skills, and to integrate document based writing into the content areas in order to increase the success of all students. Parents will have opportunities to participate throughout the year in activities to increase their understanding of the AKS to better support their child's learning.

#### SD: 2012/2013 Math and Science Staff Development Training

Year-long training (10 hours total) that provides teachers with a focus on support of newly aligned AKS content and quality instructional practice in Math, and infusion of Technology, Inquiry, Differentiation, and Engagement (T.I.D.E.) in Science instruction to improve technical literacy, problem-solving skills, and student achievement.

#### SD: Brookwood Cluster Science Vertical Team

The Brookwood cluster is looking to enhance the ability of science teachers throughout the cluster to effectively teach science problem-solving skills and content knowledge and to provide opportunities for science teachers to see and further develop fluid connections between the various levels of science understanding up to and including the AP level. It is also designed to facilitate the sharing of methods and materials among science teachers throughout the cluster. In addition, the science vertical team will design, implement, and support a sustainable cluster-wide science acceleration model.

#### SD: Building Literacy in Social Studies

This course is designed to incorporate literacy skills into social studies content. Lessons and resources that support the Q-Plus strategies and AKS will be given.

#### SD: Improving Student Achievement in Science and Social Studies

Teachers will use instructional calendars and assessments to inform instruction in science and social studies. In addition, teachers will develop Mimio lessons and will collaborate about effective lessons and strategies in science and social studies.

#### SD: Using Technology to Meet the Needs of Students in Science and Social Studies

Teachers will develop Mimio lessons, collaborate to share technology resources and implement the use of these into daily instructional practices to increase student engagement and achievement in science and social studies.