



# 2010-2011 Local School Plan For Improvement

## LSPI Objectives

December 2010

## ARCADO ELEMENTARY

Penny L Young, *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:** Arcado Elementary will increase academic performance in mathematics for all students with an emphasis on the targeted subgroups to meet and or exceed annual targets.

**Objective:** In mathematics, all students' performance will increase the Arcado average by 2% as measured by the CRCT to improve from 91% to 93% of students meeting and exceeding standards.

**Goal:** Arcado Elementary will increase academic performance in reading and language arts for all students with an emphasis on the targeted subgroups to meet and or exceed annual targets.

**Objective:** In reading and language arts, all students' performance will increase the Arcado average by 2% as measured by the CRCT to improve from 95.8% to 97.8% of students meeting or exceeding standards.

# ARCADO ELEMENTARY

## LSPI Continued

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### 2010-2011 Long Term Goals and Objectives

**Goal:** Arcado Elementary will increase academic performance in Science for all students with an emphasis on the targeted subgroups to meet and or exceed annual targets.

**Objective:** In science, all students' performance will increase the Arcado average by 2% as measured by the CRCT to improve 91% to 93% of students meeting or exceeding standards.

# ARCADO ELEMENTARY

## LSPI Continued

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### Schools Goals - ARCADO ELEMENTARY

Goal Title	Goal	Start School Year	End School Year
Literacy Achievement	Arcado Elementary will increase academic performance in reading and language arts for all students with an emphasis on the targeted subgroups to meet and or exceed annual targets.	2010-11	2014-15
Math Achievement	Arcado Elementary will increase academic performance in mathematics for all students with an emphasis on the targeted subgroups to meet and or exceed annual targets.	2010-11	2014-15
Science Achievement	Arcado Elementary will increase academic performance in Science for all students with an emphasis on the targeted subgroups to meet and or exceed annual targets.	2010-11	2014-15

### Annual Objective

In mathematics, all students' performance will increase the Arcado average by 2% as measured by the CRCT to improve from 91% to 93% of students meeting and exceeding standards.

### Associated Goals

**Goal:** Math Achievement

### Implementation Design

#### Accelerated Content Classes and Math Enrichment Specials Classes

Students who demonstrate high ability in math (based on scores on specified tests) in grades 3-5, will be served by grouping them into accelerated content model classes. Students in grades K-5 attend a math special on a 6 day specials rotation.

# ARCADO ELEMENTARY

## LSPI Continued

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### Balanced Numeracy Framework

All k-5 teaches will implement the following effective instructional strategies on a consistent basis:

Whole group instruction, Small group instruction, Mini-Lessons, Math Workshop, Individual Conferencing, Differentiation, Collaboration, Assessment

#### SD: Balanced Numeracy

Teachers will be involved in 10 hours of face to face staff development as well as grade level collaboration, sharing and reflection. Each teacher will observe a colleague, either on grade level or on a different grade level, during math instruction. An observation summary will be completed by each teacher and turned in to the math specialist. Teachers will complete a professional reading, Guided Math: A Framework for Mathematics Instruction. Teachers will analyze and track student data throughout the school year as a means of measuring student learning.

#### 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 ...

### SuccessMaker

All students in grades 1-5 will participate in the NCS SuccessMaker Math program. Each classroom will participate two times a week. Students will work independently on their instructional level. Teachers will conference with students.

### Annual Objective

# ARCADO ELEMENTARY

## LSPI Continued

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In science, all students' performance will increase the Arcado average by 2% as measured by the CRCT to improve 91% to 93% of students meeting or exceeding standards.

### Associated Goals

**Goal:** Science Achievement

### Implementation Design

#### Classroom Science Extensions

All students participate in in-house field trips, use the outdoor classroom, and participate in recycling/energy conservation activities.

#### 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 ...

#### Science Specialist

All students attend a science special as part of the 6 day special rotation. The special is used to supplement the grade level science AKS.

### Annual Objective

In reading and language arts, all students' performance will increase the Arcado average by 2% as measured by the CRCT to improve from 95.8% to 97.8% of students meeting or exceeding standards.

# ARCADO ELEMENTARY

## LSPI Continued

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### Associated Goals

**Goal:** Literacy Achievement

### Implementation Design

#### Balanced Literacy Framework

All classroom teachers will implement a balanced literacy approach to teaching reading, language arts, and writing. This instructional model allows teachers to increase students' skills in reading fluency and comprehension, writing, and language arts skills.

#### SD: Balanced Literacy

In order for our teachers to implement best practices in literacy, we will focus on the following during the 10-11 school year:

Running Reading Records/Assessments like Literacy Collaborative, DRA, and Fountas and Pinnell; guided reading; and readers' and writers' workshop. A needs assessment survey will be completed by every teacher during preplanning. A 'cafeteria' model of allowing teachers to choose sessions that are related to their areas of need will be implemented. Teachers will complete a classroom observation in another classroom and complete a classroom observation summary sheet that will be turned in to the literacy coach. Administration will use a balanced literacy walk through checklist to monitor best practices. This data will be presented to the teachers to use in opportunities for reflection. Student data will be analyzed on an ongoing basis to measure the impact on student learning.

#### 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 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.

#### Literacy Coach

A specialist who provides academic support in literacy to teachers and students focusing on the school-wide LSPI literacy objectives.

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## LSPI Continued

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### **Reading Recovery**

First grade intervention program to accelerate the bottom 20% on or above the class average in 12 to 20 weeks.

### **Technology**

Academic base technology programs which promote learning in reading and language arts.  
Accelerated Reading, STAR, Successmaker, Sylvan-Dell ebooks.