

School Improvement Plan

Delalio Elementary School

Goal: All students will improve mathematical skills in mathematics.				
Type of Goal: (Mark as appropriate) <input checked="" type="checkbox"/> Knowledge, <input checked="" type="checkbox"/> Application, <input type="checkbox"/> Behavior, <input type="checkbox"/> Attitude				
Essence of the Goal: All students will apply problem solving strategies, identify and comprehend vocabulary to improve mathematical skills.				
Support Data (from the Profile): Pre/post math tests (Spring 2007, Spring 2007) Teacher Feedback (Spring 2006, Fall 2006) Terra Nova (Math subtests Spring 2006, 2007)	Standardized Assessments: Terra Nova-grades 3-5, Spring 06, Spring 07, Spring 08	Local Assessments: Pre/post math assessments (Grades 1-5, Spring 2007, Spring 2008) Chapter tests Unit tests		
Intervention: Teachers will use problem solving strategies to teach problem solving skills using the Four Step Problem Solving Method.				Research: (See attached)
Activities to implement the intervention:	Person(s) Accountable: POC	Timeline Beg. End		Resources Needed
Teacher will provide visualization models and manipulatives for solving word problems.	K-5 teachers	Oct. 06	June 08	manipulatives
Teachers will model problem solving strategies in the classroom.	K-5 teachers	Oct. 06	June 08	visual models
Students will draw pictures and/or use charts that bring meaning to the problem.	K-5 teachers	Oct. 06	June 08	problem solving charts
Students will choose a strategy to use when problem solving.	K-5 teachers	Oct. 06	June 08	DODEA adopted math textbooks

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Teachers will select grade level vocabulary.	Classroom teachers	Oct. 06	June 08	DODEA adopted math textbook
Teachers will teach and display identified math vocabulary.	Classroom teachers	Oct. 06	June 08	DODEA adopted math practice book
Students will apply the identified math vocabulary to solve problems.	Classroom teachers	Oct. 06	June 08	Selected math vocabulary
Students will write explanations using math vocabulary to show how they solved math problems.	Classroom teachers	Oct. 06	June 08	Rubicon Atlas Standards binder
Students will generate their own word problems using appropriate math vocabulary.	Classroom teachers	Oct. 06	June 08	