School Improvement Plan 2009-2010

School: Mill Creek Elementary
Principal: MaryAnn Opperud
Date: 10/08

Target:

78.2(3rd) 71.8(4th) 84.8(5th) percent of students in all strands will meet standard in Mathematics as measured by the MSP.

S.M.A.R.T. Goal:

90% of our students will meet standards in Mathematics as measured on End of Unit Tests in Investigations II.

S.M.A.R.T. Processes					S.M.A.R.T. Results	
Instructional Leadership Plan (Map)		**Resources**			**Evidence of Implementation:**	**Evidence of Impact:**
Instructional Practices: What are we going to do?	**Schedule of Activities**	**People/Team Involved**	**Materials Needed**	**Budget Required**	**What are teachers doing?**	**What are students doing?**
75 Minutes of Math Per Day	75 minutes of Math instruction Daily	All Classroom Teachers	Investigations II Ten-Minute Math Books, Nimble with Numbers, Math-4-Today	Continued Professional development opportunities.	Scheduling enough time in the day to meet our math goal. Using math calendars as a timeline for instruction.	Students participating in daily meaningful Math Lessons.
Use data and PEs to plan instruction.	Administer pre-post tests for each unit to determine instruction and record student growth.	Classroom Teachers	Investigations II	Opportunities to meet as grade levels to align curriculum to PEs, plan lessons for gaps.	Administering pre & post tests. Using data to plan instruction. Aligning instruction with PEs. Implementing lessons to fill gaps between PEs and Math Curriculum.	
	Implement Boston Assessments aligned with Investigations and PEs.	Classroom Teachers	Boston Assessments		Meeting with grade level teams.	
	Align instruction in Investigations with Math PEs.	All Classroom Teachers	Investigations II Math PEs		Teachers implementing BLUE PRINTS into planning.	
	Determine gaps missing in Investigations.	All Classroom Teachers	Investigations II			
Teach Investigations II curriculum.						

Focus on computational fluency at each grade level. Increase student responsibility for learning. Group students for success, as determined at each grade level. Create an environment focused on math.	Implement ORIGO materials to build fluency in computation. Restate Math PEs into "I Can" statements. Teachers regroup students using pre-post tests or other data as determined by grade levels. Implement a MATH NIGHT for Mill Creek families. Cadre plan to implement Math Questions of the Week, Math Madness Days, Math Spirit Days.	Classroom Teachers Classroom Teachers Classroom Teachers Math Cadre & PTA	ORIGO MATERIALS: Fact Box Think Tank, Book of Facts for each grade level $1780 Think Tanks $1,980 Box of Facts MATH PEs	Funding for ORIGO materials and teacher training. PTA funding and support.	Implementing ORIGO and other computational fluency lessons into Math lessons. Setting clear expectations for what is to be learned. Regrouping students using pre-post tests or other data as determined by grade levels. Providing PTA with Math Games and materials. Focusing awareness on math.	Students building computational fluency. Students stating what learning is expected in each lesson and/or unit. Students working with peers to solve problems. Students working at pace of peers. Students actively engaged in math activities and games with families and classmates. Students focused on math!

Determine student ability levels and implement an assistance program that focuses on increasing students to standard. **Identify and remediate students in small group programs.**	Fall: Teachers identify students though grade level determined assessments, teacher observation and WASL scores. Fall-Spring: Use data to direct class routines, show growth, and identify specific needs.	Classroom teachers Para Eds. Parent Volunteers		. .	Determining individual needs of students based on class observation and assessment resources. Working as grade level teams discussing strategies that work with students struggling in Math.	Students receiving extra help in small groups. Selected students using MATH WHIZ at home. Small groups of students working on number sense and basic skill activities.
Intentionally debrief students with big math concepts after each Investigations lesson.	Teachers will schedule into lessons time to debrief and revisit key mathematical concepts during a daily math lessons.	All classroom teachers			Introducing and debriefing each lesson with attention to key math concepts.	Focusing new learning around critical question as presented in the introduction of each lesson. Debriefing with peers and whole class using the critical question as a basis.
Provide a Summer Math Camp for students in 3rd, 4th and 5th by invitation only, three classrooms per grade level	July 6th through Aug. 11th for two hours a day on Tuesdays and Wednesdays	9 Para eds and 9 certificated teachers	Current math materials plus the use of Origo materials if needed	$4,000	Teachers will take Success Tracker assessment information about each student to design a math program that will push these students to standard	Students are working on math concepts that will assist them to be on standard in math by the end of the Summer Camp

S.M.A.R.T.= Specific & Strategic, Measurable, Attainable, Results-Oriented, Time-Bound