

Mason Elementary School:

Goal: Continue to Increase Achievement in Math text

IMPROVEMENT PLAN FOR: Mason Elementary School 2010-2011

DISTRICT GOAL AREA: Student Achievement in Mathematics

SCHOOL OBJECTIVE: To Increase Student Achievement in Math

Evidences of Need

Key Performance Indicators that show a need to spend time, Energy, and resources on this particular objective.

MEAP 2010: Percent of students achieving satisfactory

	All	Female	Male
Grade 3	98%	96%	100%
Grade 4	93%	91 %	95%
Grade 5	89%	95%	83%

MEAP 2010	Proficient	Advanced	Level 1 & 2
Grade 3	19.6%	78.6%	98%
Grade 4	43.2%	50%	93%
Grade 5	22.7%	63.6%	89%

Meap 2009	Proficient (2)	Advanced	Level 1 & 2
Grade 3	25%	70%	95%
Grade 4	43%	50 %	93%
Grade 5	23%	64%	87%

Evidences of Success in Improvement

Key Performance Indicators/Performance Targets that point to success at year-end review.

Using MEAP to reach NCLB compliance of 100% proficiency by 2014:

MEAP Grade 3: Maintain the current high scores.
 Increase Level 1 & 2 performance 1% point per year
 MEAP Grade 4: a 3% increase is needed to maintain a course towards total NCLB compliance by 2014
 MEAP Grade 5: 4% points increase required this next year.

GLCE: strands

Increase to 75% accuracy in answering GLCE/strands from numbers and operations, fractions, measurements

NWEA: Increase the number of students who reach their targeted growth rate by 5% each year to comply with the NCLB requirement.

Honors Math: Increase the number of math students who qualify for this high level math class by 10% each year. (number range of 4-6)

Mason Elementary School:

Goal: Continue to Increase Achievement in Math text

MEAP 2008 Grade 5 44 students tested.
Overall level 1&2 declined from 91% to 86%. (partially proficient)
The year to year comparison with matched students 41% showed an improvement tempered by 29% having some level of declining performance.

NWEA	Targeted Growth Rate
Grade 1	94.7%
Grade 2	74.5
Grade 2	55.3
Grade 3	54.1
Grade 4	78.6
Grade 5	79.1

Mason Elementary School:

Goal: Continue to Increase Achievement in Math text

GPPSS Math Expectations	Actions/ Strategies	Person Responsible for imple- menting Strategy	Resources Needed to Complete Task	Budget Implications	Dates of Activity (start-to- end)	Monitoring Dates and Indicators	Monitoring Indicators that point to success at end of a strategy
<p>Background Teachers will be familiar with GP Math Curriculum and State GLCE Everyday Math Program</p>	<p>Teachers Principal Curriculum Specialists</p>	<p>Current curriculum guides- district and state Grade level specific guides for Everyday Math</p>	<p>H-M Math program (K) -Everyday Math program and books (1-5) -Materials & manipulatives to meet program needs (K-5)</p>	<p>September through June</p>	<p>On-going Formal and informal observations of math lessons</p>	<p>Appropriate unit pacing with planning /modification to meet instructional and performance benchmarks</p>	<p>Assessment activities included in math program. NWEA results MEAP tests</p>
<p>Parent communication regarding current math topics and concepts is frequent and timely.</p>	<p>Parent letters will be sent home at the beginning of each chapter and frequent supplementary communication will be sent as necessary.</p>	<p>Gr. K – 5 teachers</p>	<p>Gr. 1 – 5: Everyday Math Home Links Gr. K: Harcourt Math materials Class newsletters Family Math Night</p>	<p>Programs adopted by district.</p>	<p>Sept. – June</p>	<p>At the beginning of each new chapter. Ongoing.</p>	<p>Assessment activities included in math program. NWEA results MEAP tests</p>

Mason Elementary School:

Goal: Continue to Increase Achievement in Math text

<p>Fluency and automaticity are necessary for success in mathematics. Students will increase fact mastery appropriate to the current grade level.</p>	<p>Teachers will provide time each week for students to practice math facts and increase fluency.</p>	<p>Gr. 1 – 5 teachers</p>	<p>Everyday Math games, Fact triangles, flashcards, FASTT math computer lab program (2nd. 3rd grades and students in 4th and 5th grade identified as needing reinforcement)</p>	<p>Games included in program adopted by district. Additional FASST licenses to be purchased by district with GPFAE funds</p>	<p>Sept. - June</p>	<p>Weekly</p>	<p>Record keeping identifying mastered facts and needed instruction Comparison of scores on timed tests from Sept. – June.</p>
<p>Pacing through the lessons is essential for the gradual mastery of mathematical concepts.</p>	<p>Teachers will post the pacing guide (below) to stay current and informed of the progress.</p>	<p>Gr. 1 – 5 teachers</p>	<p>Chart (below)</p>	<p>No cost</p>	<p>Sept. – June</p>	<p>Monthly</p>	<p>Assessment activities included in math program. NWEA results MEAP tests</p>
<p>Students vary in their learning styles and readiness in the area of mathematics. Differentiation strategies are crucial to accommodate these differences.</p>	<p>Teachers will use assessments for the math program, MEAP test results, and NWEA test scores to monitor placement of students and to provide appropriate challenge activities. Flexible grouping and/or different grade level core materials can be used.</p>	<p>Gr. K-5 teachers</p>	<p>Materials provided and available supplements.</p>	<p>No additional cost.</p>	<p>Sept. - June</p>	<p>Ongoing</p>	<p>Teachers are surveyed on differentiation strategies used throughout the year.</p>

Mason Elementary School:

Goal: Continue to Increase Achievement in Math text

	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May/ June
1	1♦1 - 2♦3	2♦4 - 3♦4	3♦5 - 4♦3	4♦4 - 5♦3	5♦4 - 6♦3	6♦4 - 7♦2	7♦3 - 8♦2	8♦3 - 9♦4	9♦5 - 10♦8
2	1♦1 - 2♦3	2♦4 - 3♦4	3♦5 - 4♦8	4♦9 - 5♦9	6♦1 - 7♦2	7♦3 - 8♦5	8♦6 - 9♦10	10♦1 - 11♦3	11♦4 - 12♦8
3	1♦1 - 1♦13	2♦1 - 3♦3	3♦4 - 4♦6	4♦7 - 5♦8	5♦9 - 6♦8	6♦9 - 7♦9	8♦1 - 9♦4	9♦5 - 10♦3	10♦4 - 11♦5
4	1♦1 - 2♦4	2♦5 - 3♦8	3♦9 - 4♦9	4♦10 - 5♦12	6♦1 - 7♦2	7♦3 - 8♦4	8♦5 - 9♦8	9♦9 - 11♦3	11♦4 - 12♦7
5	1♦1 - 2♦4	2♦5 - 3♦7	3♦8 - 4♦7	4♦8 - 5♦13	6♦1 - 7♦3	7♦4 - 8♦7	8♦8 - 9♦11	10♦1 - 11♦2	11♦3 - 12♦9
6	1♦1 - 2♦1	2♦2 - 3♦2	3♦3 - 4♦4	4♦5 - 4♦12	5♦1 - 6♦3	6♦4 - 7♦3	7♦4 - 8♦8	8♦9 - 9♦5	9♦6 - 10♦6

8/27/2009