

School Improvement Organizer

SMART: Specific, Measurable, Attainable, Results-based, Time-bound

1	SCHOOL: Lewis and Clark Elementary	DATE: 2006-2007	TEAM: Math Committee: Judy Thomson, Terry Quintus, Becky Meier, Darlene Geltel, Jeremy Mehlhoff, Darryl Ladue, Sandy Opperud		
2	DISTRICT SMART GOAL: During the five year period, the district will continue to develop, implement, and refine the mathematics curriculum utilizing a blend of reformed and traditional math to continually improve students thinking, problem solving and reasoning skills.				
3	SCHOOL SMART GOAL: (Specific, stated in terms of student performance) By fall of 2007, 85% of grades 3, 4, 5, and 6 will be proficient or advanced proficient in Math as evidenced by the NDSA				
4	SMART GOAL INDICATOR (first) By 2011-12 all fourth grade students will attain mathematical proficiency at or above fourth grade level.		SMART GOAL INDICATOR (second)		
5	ACTION STEPS: Five Teachers will take part in lesson study. This study will be facilitated by two experts from Denver Colorado.		TIMELINE: February 2007	MONITORING Judy Thomson, Terry Quintus	COMPLETION DATE February 2007

6	ACTION STEPS: Math Committee will be provided two days to study assessments to determine placement for math classes and give teachers a list of recommendations for the state assessment and to drive instruction.	TIMELINE: September 2006	MONITORING Terry Quintus	COMPLETION DATE May 2007
6	ACTION STEPS: Staff, students, and parents will be provided a Math Day with emphasis on areas that students are weak in based on the NDSA, MAP and Teacher assessments	TIMELINE: April 2007	MONITORING Terry Quintus	COMPLETION DATE April 2007
6	ACTION STEPS: 1. Staff will be trained to use software provided by SFAW, Williston Public School online resources and computer software to improve student problem solving strategies.	TIMELINE: Feb. 1, 2007	MONITORING Terry Quintus, Jeremy Mehlhoff, Darryl LaDue	COMPLETION DATE May 25, 2007
6	ACTION STEPS: 2. Staff will use a wide variety of technology to increase the student's abilities to understand and comprehend solving math problems.	TIMELINE: Feb. 1, 2007	MONITORING Terry Quintus, Jeremy Mehlhoff, Darryl LaDue	COMPLETION DATE May 25, 2007
6	ACTION STEPS: All 5 th and 6 th grade students will be placed in appropriate math instruction classes according to their individual scores on the NDSA	TIMELINE: September 2006	MONITORING Terry Quintus	COMPLETION DATE May, 2007

<p>7</p>	<p>RESOURCES NEEDED: Professional development, subs for the teachers involved.</p> <ol style="list-style-type: none"> 1. SFAW software 2. Current research articles relating to problem solving. 3. SFAW Professional Development Video Series 4. Williston Public School Tech. Directory 5. Computer Software 6. Atomic Learning 7. United Streaming <p style="text-align: right;">8. In house staff training on using the different technology resources.</p>		
<p>8</p>	<p>EXPECTED RESULTS: Develop students who independently make connections and transfer background knowledge to any mathematical situation. Students who make connections will develop into independent thinkers. If there is an increase in the frequency and quality of students' questions, then there will be improved conceptual understanding of mathematics. Hence this would increase the NDSA test scores for all students.</p> <p>Students will show an increase understanding in working and solving math problems. Staff members will have a better understanding of how to incorporate technology into their math lessons, and how technology can help their students become better math students.</p> <p>The percent of students who become advanced proficient or proficient in Math will increase by</p> <p>3rd Grade- 5% 4th Grade – 6.25 % 5th Grade- 11.25 % 6th Grade – 10.25 %</p>		
<p>9</p>	<p>MEASUREMENT TOOL: NDSA 2006-2007 Terra Nova Report Cards</p>	<p>MEASUREMENT TOOL: MAP</p>	<p>MEASUREMENT TOOL: Teacher assessments Lewis and Clark (SFAW) Grade Assessment.</p>

10	RESULTS (DATA):	RESULTS (DATA):	RESULTS (DATA):
11	EVALUATION: (Changes to plan – next steps)		
12	SHARED WITH: (group)	K-6 Teachers	DATE: February 8, 2007