

**SCHOOL BOARD WORK STUDY SESSION
SUN PRAIRIE AREA SCHOOL DISTRICT
SEPTEMBER 29, 2010**

**ADDENDUM TO 2009-2010
MONITORING REPORTS, CHAPTER 2
MATH ACTION PLANS**

STUDENT ACHIEVEMENT GOALS:

#2 IMPROVE MATHEMATICS ACHIEVEMENT FOR ALL STUDENTS.

MATH ACTION PLAN LEADERS:

ASSISTANT DISTRICT ADMINISTRATOR OF INSTRUCTIONAL PROGRAMS
EXECUTIVE DIRECTOR OF STUDENT SERVICES
PRINCIPALS
INSTRUCTIONAL PROGRAM MANAGERS
STUDENT SERVICES PROGRAM MANAGERS
CURRICULUM LEADERSHIP COUNCIL: MATH
RESPONSE TO INTERVENTION TEAMS

**SUN PRAIRIE AREA SCHOOL DISTRICT
Improvement of Mathematics Instruction
ACTION PLAN**

Grades 6 - 8	
ACTIONS TAKEN 2009-2010	ACTIONS PLANNED 2010-2011
<p>A. Provide ongoing professional development for the successful implementation of <i>Connected Math Project 2 (CMP2)</i>.</p> <p>Using the 8th Grade <i>CMP2</i> curriculum and the 9th grade algebra curriculum, develop and pilot some units in a two-year algebra course to be delivered in 8th and 9th grades.</p> <p><i>All classroom teachers, special education teachers and resource teachers participated in 48 hours of professional development focused on the successful implementation of CMP2.</i></p> <p><i>8th grade math teachers successfully combined and delivered units of CMP2 with algebra. Upon reflection, the math teachers recommended that CMP2 be used for 8th grade math and College Preparatory Math: Algebra Connections be adopted for 9th grade algebra.</i></p>	<p>A. Provide ongoing professional development in <i>Connected Math Project 2 (CMP2)</i> that focuses on the following:</p> <ul style="list-style-type: none"> • Building a deeper understanding of the math concepts with <i>CMP2</i>. • Improving instruction to promote critical thinking. • Differentiating instruction and utilizing flexible groups. • Using technology to support teaching and learning. • Analyzing the assessments with <i>CMP2</i>.
<p>B. Within the context of the <i>CMP2</i> implementation, focus on the delivery of the core instruction, as well as ensure adequate interventions for struggling and accelerated math students.</p> <p>Align Title I math interventions with <i>CMP2</i>.</p> <p><i>Title I Math and Booster Math teachers delivered core instruction to targeted students, as well as supported classroom instruction. CMP2 was adopted as the curriculum in Title I Math and Booster Math.</i></p>	<p>B. Focus on 6th grade math achievement (as evidenced by MAP) by aligning 6th grade <i>CMP2</i> units of study with math strands in MAP and refining instruction to help students meet spring to spring growth targets.</p> <p>Use Fall 2010 Math MAP results to identify non-proficient 6th grade students and isolate math deficiencies in DesCartes. Design instruction within the <i>CMP2</i> curriculum to support student growth in those areas.</p>

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Improvement of Mathematics Instruction
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ACTIONS TAKEN 2009-2010	ACTIONS PLANNED 2010-2011
<p>C. Provide curriculum and supplementary materials for incremental math instruction beyond regular education math series.</p> <ol style="list-style-type: none"> 1. Stay aligned to <i>CMP2</i> with differentiation as a primary intervention. 2. Continue staff development and additional planning/curriculum time for implementation of <i>CMP2</i> to address issues of modifications for students with disabilities in inclusive settings. 3. Implement booster math sessions for struggling students at each school before pulling them for separate instruction. 4. Develop a scope and sequence for alternative curriculum for 6/7 and 8/9 students. <p><i>All action items were completed. Staff will continue to participate in the <i>CMP2</i> training along with general educators.</i></p>	<p>C. Provide curriculum and supplementary materials for incremental math instruction beyond regular education math series.</p> <p>Monitor the implementation of <i>CMP2</i> for students with disabilities as a general education math curriculum.</p> <p>Monitor the implementation of math booster sessions to pre-teach and re-teach <i>CMP2</i> for students with disabilities.</p>

**Professional Development Plan
K-12 Mathematics
2010-2011**

GOAL #2: IMPROVE MATHEMATICS ACHIEVEMENT FOR ALL STUDENTS.

9/17/2010

Outcome	Activity	Audience	Date	Time
Teachers provide differentiated math instruction so all students meet high standards.	Collaborative sessions to learn how to use <i>Everyday Math Exemplars</i> to differentiate instruction	K-5 Gifted & Talented teachers	Once each quarter	12 hours
Teachers use data to plan and implement math instruction.	Grade level, site-based sessions focused on the analysis of end-of-year and mid-year assessments to plan instruction	K-5 teachers	Once each semester	4 hours
Teachers understand and implement the district's math curriculum to ensure all students meet high standards.	Ongoing induction workshops	K-5 new teachers	Once each quarter	14 hours
Teachers learn strategies to meet the needs of struggling learners to ensure all students become proficient.	SRA Corrective Math: Supplemental Math workshop	K-8 Special Education teachers	Biannually	8 hours
Teachers understand and implement the district's math curriculum to ensure all students meet high standards.	Ongoing professional development and coaching in <i>Connected Math Project 2</i>	6-8 Math teachers, Special Education teachers, and Title I teachers	August-April	60 hours
Teachers understand and implement the district's math curriculum to ensure all students meet high standards.	Ongoing professional development and coaching in <i>College Preparatory Mathematics: Algebra Connections</i>	8-9 Math teachers and Special Education teachers	August-April	60 hours
Teachers learn strategies to meet the needs of struggling learners to ensure all students become proficient.	Transmath workshop	8-12 Special Education teachers	Once each semester	16 hours
Teachers learn strategies to meet the needs of struggling learners to ensure all students meet high standards.	Response to Intervention conference	K-12 staff	Once each semester	24 hours