



BSD#7 LRSP Strategic Objective ACTION PLAN: 1.09 CI Math Intervention

Action Plan Projected Completion Date: On-going	Leader: Assistant Superintendent Team Members: K-5 Principals, K-5 Teachers, Curriculum Director, Instructional Coaches, Math paraprofessionals
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Strategic Objective (SO): 1.09 Implement plans in math intervention to improve student achievement.

Evaluation Plan: (Describe steps you'll take to determine if you've reached your strategic objective.)
Scores on the CRT, End-of-Year Math Assessment and other formative assessments will increase with 83% of students achieving P+ by 2011.

Best Practice Investigation (What information is uncovered looking at best practice in relation to your strategic objective.)
Research indicates that some students need a greater amount of time and variety of strategies in order to achieve proficiency. The math intervention plan provides additional time and resources for students with demonstrated need in the area of mathematics.

Action Steps	Who?	Timeframe
What actions will be taken to achieve this SO? Include what staff may need to learn to accomplish this SO.	Who will be responsible for what actions?	What is a realistic timeframe for each action?
1. Examine CRT data to determine areas of relative strength and weakness across the district.	1. Math CLT	1. Completed fall 2006
2. Examine district mathematics standards, looking for alignment with state and NCTM standards.	2. Math CLT	2. Completed fall 2006
3. Examine standards from other districts and states, including Rockville Center, New York.	3. Math CLT	3. Completed spring 2007
4. Revise district mathematics standards to align with NCTM standards and focal points and promote implementation of Algebra for All by 2011.	4. Math CLT with input from principals and teachers	4. Completed spring 2007
5. Conduct baseline MSEC survey in grades 7, 8 and 9.	5. All math teachers in grade 7-9	5. Completed spring 2007
6. Implement Everyday Math in grades K-5 and CMP2 in grades 6-8 in conjunction with Holt Algebra I.	6. All teachers and principals grades K-8	6. On-going
7. Conduct MSEC survey in grades 6-9.	7. All math teachers in grades 6-9	7. Completed spring 2008 – review and evaluation on-going
8. Examine CRT scores in grades 3-8 and 10.	8. All teachers K-5, all math teachers grades 6-12	8. On-going

<p>9. Hire math intervention paraprofessionals to work with students in grades 3-5 performing below proficiency on the CRT and demonstrated need indicated by a variety of formative assessments in the area of mathematics.</p> <p>10. Train math intervention paraprofessionals and math volunteers in the use of Everyday Math instructional materials.</p> <p>11. Math paraprofessionals work with targeted students in small groups under the guidance of building principals and grade 3-5 teachers and with the assistance of instructional coaches.</p> <p>12. Examine CRT scores and end-of-year grade level math assessments</p> <p>13. Provide training in effective math instructional practices regarding differentiated instructional strategies and teaching multiple algorithms</p> <p>14. 4th and 5th grade teachers participate in grant-funded PLC program investigating trends in student performance</p>	<p>9. Building principals</p> <p>10. Everyday Math consultant with direction from Curriculum Director</p> <p>11. Math paraprofessional, teachers, principals, instructional coaches</p> <p>12. All teachers</p> <p>13. Instructional coaches, Math CRT</p> <p>14. Small group of 4th and 5th grade teachers across the district</p>	<p>9. Fall 2008</p> <p>10. Fall 2008</p> <p>11. On-going</p> <p>12. Fall 2009 and annually</p> <p>13. Fall 2009</p> <p>14. Fall 2008 and on-going</p>
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In a year, we hope to see the following progress on this strategic objective:

In 12 months we hope to see an increase in the number of students performing P+ as indicated by their scores on the CRT and end-of-year grade level math assessment.

By 2011, we hope to achieve the P+ targets listed below:

- Grade 3 will increase P+ by 10% (N = 28)
- Grade 4 will increase P+ by 6% (N =16)
- Grade 5 will increase P+ by 9% (N = 26)
- Grade 6 will increase P+ by 17% (N = 39)
- Grade 7 will increase P+ by 17% (N = 41)
- Grade 8 will increase P+ by 13% (N = 36)
- Grade 10 will increase P+ by 15% (N = 48)