

Enumclaw School District
DISTRICT MATHEMATICS IMPROVEMENT PLAN
 2008-09

Building/Department: DISTRICT - CIA

Update: March, 2009

Target Area: MATHEMATICS

IMPROVEMENT GOAL: *Develop a district-wide, evidence-based mathematics program that will produce high-level and equitable mathematical understanding by all students and allow them to perform successfully on state/national accountability and college readiness assessments.*

STRATEGY: *Approach the rebuilding of our district K-12 mathematics program on a broad-front that includes an increased mathematics emphasis, continued instructional training, revised content and performance standards, curriculum realignment and adoptions, regular assessment of student performance, systematic student support, full implementation of state WASL/EOC assessments and CAA Options, and higher graduation requirements and college readiness standards.*

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LEARNING TARGET What are the learning objectives of this activity?	IMPROVEMENT ACTIVITIES What programs or initiatives will occur?	TIMELINE When will this activity begin and end?	WHO IS RESPONSIBLE? Who will provide the leadership for this activity?	RESOURCES NEEDED What are the existing and/or new resources that will be used to accomplish this activity?	PROFESSIONAL DEVELOPMENT How will staff acquire the necessary skills and attitudes to implement this activity?	MONITORING PROGRESS What ongoing FORMATIVE evidence will be gathered to show this activity is making a difference in student learning?
<i>Establish district focus for mathematics performance</i>	Performance Focus Areas in Mathematics for Building Administrators and Teachers	2008-09 School Year	Terry Parker Principals	Time	Work sessions during LTIC and principal PLC meetings	Performance focus document Superintendent's and principals' evaluation of progress
	Establish K-8 Math Focus Standards in Numbers and Operations Strands of Revised State Math Standards	2008-09 School Year	Terry Parker Principals	Time	Review K-8 Revised State Math Standards	Focus Standards Document

<p><i>Continue professional development to improve mathematics instruction</i></p>	<p>K-5 Math Instructional Training -Teacher Development Group</p>	<p>August 27, October 10</p>	<p>Terry Parker Elementary Principals</p>	<p>Contract w/<i>Teacher Development Group</i> -3 Facilitators for 2 Days</p>	<p>Instructional training for all K-5 teachers and principals on two days during the 2008-09 school year</p>	<p>Staff attendance at all instructional training sessions</p> <p>Survey of increased knowledge of math instructional skills</p>
	<p>4th Grade Math Instructional Project -Teresa Berry -Teacher Development Group</p>	<p>September 23 January 28</p>	<p>Terry Parker</p>	<p>Contract w/<i>Teacher Development Group</i> -1 Facilitator for 2 days</p> <p>Approximately 34 sub days for 4th Grade mathematics teachers</p>	<p>Work/training sessions for all 4th Grade teachers on two days during the 2008-09 school year</p>	<p>Staff attendance at all instructional training sessions</p> <p>Survey of increased knowledge of math instructional skills</p>
	<p>5th Grade Math Instructional Project -Teresa Berry -Teacher Development Group</p>	<p>September 22 January 29</p>	<p>Terry Parker</p>	<p>Contract w/<i>Teacher Development Group</i> -1 Facilitator for 2 days</p> <p>Approximately 34 sub days for 5th Grade mathematics teachers</p>	<p>Work/training sessions for all 5th Grade teachers on two days during the 2008-09 school year</p>	<p>Staff attendance at all instructional training sessions</p> <p>Survey of increased knowledge of math instructional skills</p>
	<p>Leadership Team Instructional Conference (LTIC) Meetings</p>	<p>September 23, WW October 21, SR December 2, BD January 20, SW February 24, BK March 10, EMS April 7, TMMS May 12, EHS</p>	<p>Terry Parker</p>	<p>District and building administrator meeting time (2.5 hrs.) each month</p>	<p>Professional development for district Leadership Team in Mathematics including instruction, student support, PLC leadership, classroom observations</p>	<p>Leadership Team attendance at all sessions</p> <p>Feedback from Principals regarding value of LTIC (Math) Meetings</p>
	<p>Professional Learning Communities (PLC) Training</p>	<p>August 14-15</p>	<p>Mike Nelson</p>	<p>Books, videos, training materials</p> <p>Time - Leadership Team Advance</p>	<p>Prepare building administrators for implementation of PLC framework</p>	<p>PLC staff groups formed and operational in each school</p>

<p><i>Familiarize administrators and teachers with the revised state grade-level mathematics standards</i></p>	<p>State Math Standards Training</p>	<p><u>Elementary</u> August 26, September 19, October 24</p> <p><u>Middle School</u> August 27, September 19, October 10</p> <p><u>High School</u> TBD</p>	<p>Terry Parker Judy Craighead Diane Hammons Nicole Leahy Terry Ryerse</p> <p>Terry Parker Andy Means Matt Gaynor</p> <p>Terry Parker Kathlynn Ross</p>	<p>Time – contract days and early release days</p> <p>Time – contract days and early release days</p> <p>TBD</p>	<p>Training sessions for all district elementary teachers and secondary math teachers conducted by Enumclaw School District teacher teams who attended OSPI Regional Math Standards Training during spring or summer, 2008</p>	<p>Teacher attendance at all training sessions</p> <p>Feedback from teachers regarding value of training</p>
<p><i>Acquire math textbooks and supplementary materials that will enable our students to meet state and national performance standards</i></p>	<p>Review OSPI Text and Supplementary Materials Recommendations and Consider District Adoption of New Math Text Series and Supplementary Materials</p>	<p><u>Elementary</u> Text Series and Supplementary Materials Review: September through December</p> <p><u>Middle School</u> Text Series and Supplementary Materials Review: September through December</p> <p><u>High School</u> Text Series and Supplementary Materials Review: January through June</p> <p><u>Special Education</u> Text Series and Supplementary Materials Review: September through December</p>	<p>Terry Parker Elementary Principals Elementary Review Committee</p> <p>Terry Parker Steve Rabb Ginger Callison Middle School Review Committee</p> <p>Terry Parker Ed Hatzenbeler High School Review Committee</p> <p>Aaron Stanton Special Education Review Committee</p>	<p>Committee Stipends: \$5,000.00 Curriculum Adoption: \$110,000.00</p> <p>Committee Stipends: \$5,000.00 Supplementary Materials Adoption: \$30,000.00</p> <p>Committee Stipends: \$5,000.00 Curriculum Adoption: \$130,000.00</p> <p>Curriculum Adoption: \$60,000.00</p>	<p>District Committee Review of OSPI Report and Recommended Materials</p> <p>District Committee Review of OSPI Report and Recommended Materials</p> <p>District Committee Review of OSPI Report and Recommended Materials</p> <p>District Committee Review of OSPI Report and Recommended Materials</p>	<p>Text Adoption: 2009-10 Supplement Adoption: 2008-09</p> <p>Text Adoption: 2008-09 Supplement Adoption: 2008-09</p> <p>Text Adoption: 2009-10 (TBD) Supplement Adoption: 2009-10 (TBD)</p> <p>Supplement Adoption: 2008-09</p>

<i>Revise the scope/sequence of district math curriculum to better align with new state math standards</i>	Implement Revised Middle School (6th-8th) CMP Unit Calendar	September 2008	Terry Parker Ed Hatzenbeler MS Math Teachers	Planning Time	Review Current CMP Unit Calendar, Revised State Math Standards	Revised CMP Unit Calendar
	Implement Algebra 1-2 Curriculum for All 8th Grade Students	September 2008	Terry Parker Steve Rabb Ginger Callison MS Math Teachers	Planning Time	Review Current 8 th Grade CMP Unit Calendar, Revised State Algebra 1-2 Standards	Revised 8 th Grade Algebra 1-2 CMP Curriculum
	Revise High School Math Course Offerings	2008-09	Jill Burnes Ed Hatzenbeler Kathlynn Ross EHS Math Teachers	Planning Time	Review Current Course Offerings, Graduation Changes	Revised Scope and Sequence of EHS Math Course Offerings
<i>Develop district mathematics assessments in Numbers and Operations Strands that will evaluate learning progress and identify students in need of support</i>	Implement Grade Level Math Assessments (K-8) in Numbers and Operations	2008-09	Terry Parker	Test Writing Committee Stipends: TBD	Review the Numbers/Operations Grade-Level Performance Expectations of the Revised State Math Standards	Grade Level Assessments in Place (K-8)
	Revise K-5 Math Report Card Indicators	January 2009	Terry Parker Elementary Principals A & I Facilitators	Planning Time	Review Current K-5 Math Report Card Indicators and Revised State Math Standards	Revised Report Card Indicators
	Implement Algebra 1-2 and Geometry 1-2 Common Course Proficiency Assessments	May 2009	Jill Burnes Kathlynn Ross Barb Schreiner EHS Math Teachers	Planning Time	Review Revised State Math Course Standards in Algebra and Geometry	Student Performance Results from Common Course Assessments in Algebra and Geometry

<p><i>Develop regularly-scheduled, extended learning programs that support students who need to further develop their math skills</i></p>	<p>Develop Classroom and Building Interventions for All Students in Need of Math Skill Support</p>	2008-09	Principals Teachers	Planning in PLC's Budget Resources (TBD)	Review Differentiated Instruction and Intervention Strategies	Classroom and Building Support Interventions in All Schools
	<p>Develop First Draft and Implementation Timeline of District Response-to-Intervention (RTI) Program in Math</p>	2008-09	Terry Parker Aaron Stanton Principals	Planning Time	Research RTI Framework	RTI Draft and Implementation Timeline
<p><i>Adopt new high school graduation requirements consistent with State Board of Education revisions and strengthen the college readiness of our students</i></p>	<p>Approve New Enumclaw School District Graduation Requirements</p>	2008-09 April: 1 st Reading May: 2 nd Reading	Mike Nelson Board of Education	Meeting Time	Board Work Study of New State Graduation Requirements	Adoption of New District Graduation Requirements
	<p>Increase the College Readiness of Students in Math</p>	2008-09	Jill Burnes Ed Hatzenbeler Kathlynn Ross EHS Math Teachers	Planning Time Budget Resources TBD	Review Graduation Changes, HEC Board College Entrance Changes, TMP College Readiness Standards, and EHS Math Enrollment Data	High Math Enrollment AP Course Enrollment SAT Math Participation/Scores State College Math Remediation Rates Report
<p><i>Fully implement the state assessment system and CAA options and waivers</i></p>	<p>Allow 11th-12th Grade Students to Access All CAA Math Options and Waivers</p>	2008-09	Jill Burnes Kevin Smith Kathlynn Ross EHS Math Teachers EHS Counselors	Planning Time	Review All CAA Math Options	New Processes in Place for Students to Access All CAA Math Options and Waivers Examples of Communication to Students - Families

PROCEDURES FOR EVALUATING SUCCESS IN REACHING THIS GOAL:

What SUMMATIVE evidence will be used to show this work is making a difference in student learning?

The Enumclaw School District WASL Math Scores, District Number/Operations Assessments, and High School College Readiness indicators will serve as the summative evaluation of the *District Mathematics Improvement Plan*.

The value and continuation of specific programs/initiatives will be determined by reviewing student performance results of the formative assessments established for each program/initiative.