

Plan of Action – Year 1 (2006-2007)

Objective 2: All students will increase their math achievement by 10% on the quarterly math assessments, CMT, and daily informal math assessments by May 2008.

Strategy 1: Restructure the delivery of the math curriculum through instructional use of the Everyday Math Program.

<p>Action Steps (Include all assessments, learning walks, grade or content team mtgs, SIP Data Team meetings, parent activities, quarterly progress reports, community forums, etc. in chronological order.)</p>	<p>Person (s) Responsible (Place in bold or underline the primary person responsible at the school level for each action step)</p>	<p>Timeline (Projected timeframe for completing action steps, as well as intermittent benchmark periods.)</p>	<p>Resources & Budget (Materials, grants, funds and other resources targeted to support the action step. Include technical assistance from LEA, CSDE, RESC, etc.)</p>
1st Quarter			
<p>Instruction Action Step 2.1a: Refine and implement math centers in grades K-2. Implement the Everyday Math program in grades 3-5. Create and implement math centers.</p>	<p>Person Responsible: Math Facilitator, Teachers, AP's, Principal Others Involved: District Math Coordinators, Lead Principal</p>	<p>September 2006-December 2006</p>	<p>Everyday Math District Math Coordinator</p>
<p>Assessment Action Step 2.1b: Everyday Math assessments PCPAL assessments Daily Informal math assessments CMT</p>	<p>Person Responsible: Teachers, Math Facilitator Others Involved: Principal, AP</p>	<p>September 2006-December 2006</p>	<p>Everyday Math Assessment data PCPAL assessment data Teacher created test data CMT data (2005 and Spring 2006)</p>
<p>Parental Involvement Action Step 2.1c: Introduction to Everyday Math Program Everyday Math Newsletter</p>	<p>Person Responsible: Teachers, Principal, AP's, Math Facilitators, FRA Others Involved:</p>	<p>September 2006-December 2006</p>	<p>Math Facilitator to inform parents on Everyday Math program Copy of monthly newsletter</p>
<p>Professional Development Action Step 2.1d: On-going training in Everyday Math Program Principals of Learning: Clear Expectations</p>	<p>Person Responsible: Math Facilitator, District Math Coordinator, Principal, AP's Others Involved: Teachers, Parents, Lead Principal</p>	<p>September 2006-December 2006</p>	<p>Facilitator to train teachers in Everyday Math (Grades K-5) Facilitator for POL's on Clear Expectations</p>

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2nd Quarter			
<p>Instruction Action Step 2.1e: Update math centers in grades K-5 per EDM guidelines.</p>	<p>Person Responsible: Math Facilitator, Teachers, AP's, Principal</p> <p>Others Involved: District Math Coordinators, Lead Principal</p>	<p>December 2006-February 2007</p>	<p>Everyday Math</p>
<p>Assessment Action Step 2.1f: Everyday Math assessments assessments Teacher created tests Informal daily math assessments CMT</p> <p style="text-align: right;">PCPAL</p>	<p>Person Responsible: Teachers, Math Facilitator</p> <p>Others Involved: Principal, AP</p>	<p>December 2006-February 2007</p>	<p>Everyday Math assessment data PCPAL assessment data Teacher created test data CMT data (2005 and Spring 2006) Learning Walk feedback</p>
<p>Parental Involvement Action Step 2.1g: Monthly Newsletters sent to parents informing them of strategies to assist their children in learning.</p>	<p>Person Responsible: Teachers, Principal, AP's, Math Facilitators</p> <p>Others Involved: FRA</p>	<p>December 2006-February 2007</p>	<p>EDM monthly newsletter</p>
<p>Professional Development Action Step 2.1h: On-going training in Everyday Math Program Principals of Learning: Clear Expectations Training to access PCPAL data</p>	<p>Person Responsible: Math Facilitator, District Math Coordinator, Principal, AP's</p> <p>Others Involved: Teachers, Parents, Lead Principal</p>	<p>December 2006-February 2007</p>	<p>Facilitator to train teachers in Everyday Math (Grades K-5) Support for POL: Clear Expectations Facilitator to train teachers to use PCPALS data</p>
3rd Quarter			
<p>Instruction Action Step 2.1i: Staff to participate in EDM Learning Walk</p>	<p>Person Responsible: Math Facilitator, Teachers, AP's, Principal</p> <p>Others Involved: District Math Coordinators, Lead Principal</p>	<p>February 2007-April 2007</p>	<p>Substitute Teachers</p>
<p>Assessment Action Step 2.1j: Learning Walk Feedback</p>	<p>Person Responsible: Math Facilitator, Teachers, AP's, Principal</p> <p>Others Involved: District Math Coordinators, Lead Principal</p>	<p>February 2007-April 2007</p>	<p>Everyday Math Learning Walk feedback</p>

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<p>Parental Involvement Action Step 2.1k: Parents invited to visit EDM instruction</p>	<p>Person Responsible: Principal, AP's, Math Facilitators. teachers</p> <p>Others Involved: FRA</p>	<p>February 2007-April 2007</p>	<p>Teacher/Leader Guides EDM monthly newsletter Invitation to EDM instruction</p>
<p>Professional Development Action Step 2.1l: Learning Walk Protocol</p>	<p>Person Responsible: Math Facilitator, District Math Coordinator, Principal, AP's</p> <p>Others Involved: Teachers, Parents, Lead Principal</p>	<p>February 2007-April 2007</p>	<p>Lead Principal</p>
<p>4th Quarter</p>			
<p>Instruction Action Step 2.1m: Year end EDM evaluation based on EDM assessments</p>	<p>Person Responsible: Math Facilitator, Teachers, AP's, Principal</p> <p>Others Involved: District Math Coordinators, Lead Principal</p>	<p>April 2007-June 2007</p>	<p>PCPAL data EDM assessments Learning Walk Feedback</p>
<p>Assessment Action Step 2.1n: All EDM assessments</p>	<p>Person Responsible: Teachers, Math Facilitator</p> <p>Others Involved: Principal, AP</p>	<p>April 2007-June 2007</p>	<p>EDM Assessments PCPAL assessment data</p>
<p>Parental Involvement Action Step 2.1o: Provide parents with assessment results for their children</p>	<p>Person Responsible: Teachers, Principal, AP's, Math Facilitators</p> <p>Others Involved: FRA</p>	<p>April 2007-June 2007</p>	<p>PCPAL data</p>
<p>Professional Development Action Step 2.1p: PLC: Data Teams evaluate strands that need improvement</p>	<p>Person Responsible: Math Facilitator, District Math Coordinator, Principal, AP's</p> <p>Others Involved: Teachers, Parents, Lead Principal</p>	<p>April 2007-June 2007</p>	<p>Facilitator to train teachers in Everyday PCPAL data</p>

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Objective 2: All students will increase their math achievement by 10% on the quarterly math assessments, CMT, and daily informal math assessments by May 2008.

Strategy 2: All students at M.D. Fox will use “accountable talk” to elaborate and build on each other’s ideas.

Action Steps (Include all assessments, learning walks, grade or content team mtgs, SIP Data Team meetings, parent activities, quarterly progress reports, community forums, etc. in chronological order.)	Person (s) Responsible (Place in bold or underline the primary person responsible at the school level for each action step)	Timeline (Projected timeframe for completing action steps, as well as intermittent benchmark periods.)	Resources & Budget (Materials, grants, funds and other resources targeted to support the action step. Include technical assistance from LEA, CSDE, RESC, etc.)
1st Quarter			
Instruction Action Step 2.2a: In Everyday Math, teachers will introduce students to small cooperative learning groups and “accountable talk” with peers.	Person Responsible: Teachers, Math Facilitator Others Involved: Principal, AP’s	September 2006-December 2006	Everyday Math program Math Supplies for exploration
Assessment Action Step 2.2b: M.D. Fox Teacher Growth Plans	Person Responsible: Teachers, Math Facilitator Others Involved: Principal, AP’s	September 2006-December 2006	Performance Based Assessment Data
Parental Involvement Action Step 2.2c: Through the use of the parent newsletters parents will be aware of “accountable talk” Math Facilitator to inform parents in conference	Person Responsible: Teachers, FRA, Math Facilitator Others Involved: Math Facilitator, Principal, AP’s	September 2006-December 2006	Parent Newsletter
Professional Development Action Step 2.2d: How to implement effective cooperative learning groups and have students use “accountable talk”.	Person Responsible: Math Facilitator, Principal, AP’s Others Involved: Teachers, District Math Coordinator, Lead Principal	September 2006-December 2006	Facilitator for Cooperative Learning Groups

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2nd Quarter			
<p>Instruction Action Step 2.2e: In Everyday Math, all students will explore math in small cooperative learning groups and use accountable talk in peer sharing daily.</p>	<p>Person Responsible: Teachers, Math Facilitator Others Involved: Principal, AP's</p>	<p>December 2006-February 2007</p>	<p>Everyday Math program Math Supplies for exploration</p>
<p>Assessment Action Step 2.2f: Administrator Observations</p>	<p>Person Responsible: Principals, AP's, Teachers, Math Facilitator Others Involved: Principal, AP's, RTC Facilitator, Social Worker</p>	<p>December 2006-February 2007</p>	<p>Performance Based Assessment Data M.D. Fox Teacher Evaluations</p>
<p>Parental Involvement Action Step 2.2g: Teacher/Parent Conversations regarding accountable talk</p>	<p>Person Responsible: Teachers, Others Involved: Math Facilitator, Principal, AP's</p>	<p>December 2006-February 2007</p>	
<p>Professional Development Action Step 2.2h: Inclusive Strategies- How to teach the diverse students on "accountable talk".</p>	<p>Person Responsible: Math Facilitator, Principal, AP's Others Involved: Teachers, District Math Coordinator, Lead Principal</p>	<p>December 2006-February 2007</p>	<p>Special Education Coordinator on strategies to use to get Special Education students to use accountable talk. SERC CREC SDE</p>
3rd Quarter			
<p>Instruction Action Step 2.2i: The teachers and parents will participate in a Learning Walk that focuses on "Accountable Talk"</p>	<p>Person Responsible: Principal Teachers, Math Facilitator Others Involved: AP's</p>	<p>February 2007-April 2007</p>	<p>Learning Walk Information and Training</p>
<p>Assessment Action Step 2.2j: Learning Walk feedback</p>	<p>Person Responsible: Principal, Teachers, Math Facilitator Others Involved: Principal, AP's</p>	<p>February 2007-April 2007</p>	<p>Learning Walk feedback</p>
<p>Parental Involvement Action Step 2.2k: Parents will be invited to attend a Math Learning Walk that focuses on "accountable talk"</p>	<p>Person Responsible: Teachers, FRA Others Involved: Math Facilitator, Principal, AP's</p>	<p>February 2007-April 2007</p>	

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<p>Professional Development Action Step 2.2i: Learning Walk Procedures</p>	<p>Person Responsible: Math Facilitator, Principal, AP's</p> <p>Others Involved: Teachers, District Math Coordinator, Lead Principal</p>	<p>February 2007-April 2007</p>	
<p>4th Quarter</p>			
<p>Instruction Action Step 2.2m: Students will actively participate in accountable talk during an administrative observation.</p>	<p>Person Responsible: Teachers, Math Facilitator</p> <p>Others Involved: Principal, AP's</p>	<p>April 2007-June 2007</p>	
<p>Assessment Action Step 2.2n: Administrator Observation Year End Teacher Evaluations</p>	<p>Person Responsible: Principal, AP's</p> <p>Others Involved: Teachers</p>	<p>April 2007- June 2007</p>	<p>Teacher Growth Plans</p>
<p>Parental Involvement Action Step 2.2o: Through the use of the parent newsletters and the Everyday Math Homelinks, parents become involved in assisting their child with Everyday Math homework (if needed) and the use of accountable talk.</p>	<p>Person Responsible: Teachers, FRA</p> <p>Others Involved: Math Facilitator, Principal, AP's</p>	<p>April 2007- June 2007</p>	<p>Everyday Math Homelinks</p>
<p>Professional Development Action Step 2.2p: PLC: Data Teams to explore PCPAL data to understand if accountable talk improved math strands.</p>	<p>Person Responsible: Math Facilitator, Principal, AP's</p> <p>Others Involved: Teachers, District Math Coordinator, Lead Principal</p>	<p>April 2007- June 2007</p>	

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Objective 2: All students will increase their math achievement by 10% on the quarterly math assessments, CMT, and daily informal math assessments by May 2008.

Strategy 3: There will be a 15% increase on Approximating Measures and Estimating Solutions to Problems in grades 3-5 as measured by the Connecticut Mastery Test by June 2008.

Action Steps (Include all assessments, learning walks, grade or content team mtgs, SIP Data Team meetings, parent activities, quarterly progress reports, community forums, etc. in chronological order.)	Person (s) Responsible (Place in bold or underline the primary person responsible at the school level for each action step)	Timeline (Projected timeframe for completing action steps, as well as intermittent benchmark periods.)	Resources & Budget (Materials, grants, funds and other resources targeted to support the action step. Include technical assistance from LEA, CSDE, RESC, etc.)
1st Quarter			
Instruction Action Step 2.3a: Teachers will be given in-depth training on Approximating Measures and Estimating Solutions to Problems	Person Responsible: Math Facilitator, Teachers Others Involved: Principal, AP's, Parents	September 2006-December 2006	District Math Facilitator CREC SERC SDE
Assessment Action Step 2.3b: Minutes from professional development workshop	Person Responsible: Principal, AP's, Math Facilitator Others Involved: Principal, AP's, Parents	September 2006-December 2006	
Parental Involvement Action Step 2.3c: Parents informed on the two focused strands and provided with strategies in a newsletter to help their children	Person Responsible: Teachers, Math Facilitator, FRA, Parents Others Involved: Principal, AP's	September 2006-December 2006	Math Take Home Activities Math Booklets Logs to show how many students completed the take home activities
Professional Development Action Step 2.3d: Teacher given a workshop on appropriate strategies for approximating measure and estimating solutions to problems.	Person Responsible: Math Facilitator, District Math Coordinator, Lead Principal Others Involved: Principals, AP's, Teachers, Parents	September 2006-December 2006	District Math Facilitator CREC SERC SDE

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<p>Instruction Action Step 2.3e: Teacher will demonstrate in-depth knowledge of Approximating Measures and Estimating Solutions by providing students with examples, strategies and assessments.</p>	<p>Person Responsible: Teachers, Math Facilitator Others Involved: Principal, AP's, Parents</p>	<p>December 2006-February 2007</p>	<p>District Math Facilitator</p>
<p>Assessment Action Step 2.3f: Minutes from Collaboration Meeting Examples of teacher-made work, strategies and assessments.</p>	<p>Person Responsible: Teachers, Math Facilitator Others Involved: Principal, AP's, Parents</p>	<p>December 2006-February 2007</p>	<p>Observational Instruments</p>
<p>Parental Involvement Action Step 2.3g: Parents given PCPAL assessment results</p>	<p>Person Responsible: Teachers, FRA, Math Facilitator, Parents Others Involved: Principal, AP's</p>	<p>December 2006-February 2007</p>	<p>PCPALS</p>
<p>Professional Development Action Step 2.3h: PLC: Teacher Grade Level Collaboration on Approximating Measures and Estimating Solutions to formulate in-depth strategies to teach students. PCPAL Data Training</p>	<p>Person Responsible: Principal, AP's, Math Facilitator, District Math Coordinator, Lead Principal Others Involved: Teachers, Parents</p>	<p>December 2006-February 2007</p>	<p>Robert Marzano's Classroom Strategies that Work</p>
3rd Quarter			
<p>Instruction Action Step 2.3i: Students are engaged in learning Approximating Measures and Estimating Solutions. Expectations clear for students.</p>	<p>Person Responsible: Math Facilitator, Teachers, AP's Others Involved: District Math Coordinator, Principal, Parents</p>	<p>February 2007-April 2007</p>	<p>District Math Facilitator CREC SERC SDE</p>
<p>Assessment Action Step 2.3j: Classroom Observations</p>	<p>Person Responsible: Teachers, Math Facilitator Others Involved: Principal, AP's, Parents</p>	<p>February 2007-April 2007</p>	
<p>Parental Involvement Action Step 2.3k: Parents given strategies for helping their child with approximating measures and estimating solutions</p>	<p>Person Responsible: Teachers, Math Facilitator, Parents, FRA Others Involved: Principal, AP's</p>	<p>February 2007-April 2007</p>	<p>Strategies given to parents</p>

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<p>Professional Development Action Step 2.3i: Principals of Learning: Clear Expectations</p>	<p>Person Responsible: Principal, AP's, Math Facilitator, District Math Coordinator, Lead Principal Others Involved: Teachers, Parents</p>	<p>February 2007-April 2007</p>	<p>Facilitator to lead POL's: Clear Expectations</p>
4th Quarter			
<p>Instruction Action Step 2.3m: PLC: Grade Level Data Teams to assess student achievement on approximating measures and estimating solutions.</p>	<p>Person Responsible: Math Facilitator, Teachers, AP's Others Involved: Principal, Parents, District Math Coordinator</p>	<p>April 2007-June 2007</p>	<p>Yearly PCPALS tests</p>
<p>Assessment Action Step 2.3n: PCPAL tests Everyday Math Assessments CMT</p>	<p>Person Responsible: Teachers, Math Facilitator Others Involved: Principal, AP's, Parents</p>	<p>April 2007-June 2007</p>	<p>Teacher Log PCPAL Assessment data CMT data (2006 and Spring 2007)</p>
<p>Parental Involvement Action Step 2.3o: Parents provided four PCPAL assessments to review with Math Facilitator if needed</p>	<p>Person Responsible: Teachers, Math Facilitator, Parents, FRA Others Involved: Principal, AP's</p>	<p>April 2007-June 2007</p>	<p>Math Take Home Activities Math Booklets Logs to show how many students completed the take home activities</p>
<p>Professional Development Action Step 2.3p: PCPAL refresher training for assessment results</p>	<p>Person Responsible: Principal, AP's, Math Facilitator, District Math Coordinator, Lead Principal Others Involved: Teachers, Parents</p>	<p>April 2007-June 2007</p>	<p>Facilitator for PCPAL training</p>