

**Plan of Action – Year 1 (2006-2007)**

**Objective 2 - Numeracy: A 15% improvement at levels 3, 4, 5 (proficient or above) on the numeracy portion of the CMT in grades 3-8.**

**Strategy 1: Using assessment data to differentiate instruction to meet the learning needs of individual students utilizing Data Driven Decision Making.**

<p><b>Action Steps</b> (Include all assessments, learning walks, grade or content team meetings, SIP Data Team meetings, parent activities, quarterly progress reports, community forums, etc. in chronological order.)</p>	<p><b>Person (s) Responsible</b> (Place in bold or underline the primary person responsible at the school level for each action step)</p>	<p><b>Timeline</b> (Projected timeframe for completing action steps, as well as intermittent benchmark periods.)</p>	<p><b>Resources &amp; Budget</b> (Materials, grants, funds and other resources targeted to support the action step. Include technical assistance from LEA, CSDE, RESC, etc.)</p>
<b>1<sup>st</sup> Quarter</b>			
<p><b>Instruction Action Step 2.1a:</b></p> <ul style="list-style-type: none"> <li>• Re-Organize Leadership Management Team (former School Improvement Team, in order to ensure SIP is a living document)</li> <li>• Establish Data Teams (grade level and/or across grade level)</li> <li>• Data Teams analyze school data to identify priority strands and corresponding strand skills.</li> <li>• Math Facilitator and Grade Level Teams identify additional CMT strands and corresponding strand skills for practice based on student need gleaned from data, i.e. spring 2006 CMT for grades 4-8, PC Pal</li> </ul>	<p><b>Person Responsible:</b></p> <ul style="list-style-type: none"> <li>• Math Facilitator</li> <li>• Instructional staff</li> <li>• John Laverty</li> <li>• Patricia Sullivan</li> <li>• Grade Level Teams</li> <li>• Data Teams</li> <li>• LMT</li> </ul> <p><b>Others Involved:</b></p>	<p><b>Timeline:</b></p> <ul style="list-style-type: none"> <li>• LMT August 31, 2006</li> <li>• Data Teams September 16, 2006</li> <li>• Priority Strands by October 30, 2006</li> </ul>	<p><b>Budget:</b></p> <ul style="list-style-type: none"> <li>• N/A</li> </ul>
<p><b>Assessment Action Step 2.1b:</b></p> <ul style="list-style-type: none"> <li>• Leadership Management Team (LMT) will convene</li> <li>• Data Teams will meet on a monthly basis</li> <li>• Data Teams in conjunction with Leadership Management will analyze</li> </ul>	<p><b>Person (s) Responsible:</b></p> <ul style="list-style-type: none"> <li>• Leadership Management Teams</li> <li>• John Laverty</li> <li>• Patricia Sullivan</li> <li>• Data teams (Instructional</li> </ul>	<p><b>Timeline:</b></p> <ul style="list-style-type: none"> <li>• LMT will meet by August 31, 2006</li> <li>• Data Teams to commence September 19, 2006</li> <li>• Analyze previous years data by</li> </ul>	<p><b>Budget:</b></p> <ul style="list-style-type: none"> <li>• School Site Budget</li> <li>• Central Office</li> </ul>

<p>prior year assessments /baseline assessments of the following:</p> <ul style="list-style-type: none"> <li>- CMT results 2006</li> <li>- HMSA/PC Pal</li> <li>- Teacher generated/curriculum tests and practice</li> <li>- Math journals</li> </ul>	<p>Staff, support staff, unified arts)</p> <ul style="list-style-type: none"> <li>• Math Facilitator</li> </ul> <p><b>Others Involved:</b></p>	<p>September 30, 2006</p> <ul style="list-style-type: none"> <li>• Analyze new baseline data by October 30, 2006</li> </ul>	
<p><b>Parental Involvement Action Step 2.1c:</b></p> <ul style="list-style-type: none"> <li>• Share with parents school-wide CMT data at Open House</li> <li>• Parents can sign up to meet with teachers in order to review individual student scores</li> <li>• Teachers will meet with all parents during formal parent teacher conferences at the end of the first quarter</li> <li>• Share with parents at the September/October PTO meeting the school team structure and explain parent input/participation</li> </ul>	<p><b>Person Responsible:</b></p> <ul style="list-style-type: none"> <li>• Patricia Sullivan, AP</li> <li>• John Laverty</li> <li>• Instructional Staff</li> <li>• Nancy Diaz, FRA</li> <li>• Math Facilitator</li> </ul> <p><b>Others Involved:</b></p>	<p><b>Timeline:</b></p> <ul style="list-style-type: none"> <li>• September 20, 2006 – Open House</li> <li>• October – P.T.O.</li> <li>• November – parent conferences, report cards</li> </ul>	<p><b>Budget:</b></p> <ul style="list-style-type: none"> <li>• P.T.O. fund raising money</li> </ul>
<p><b>Professional Development 2.1 d</b></p> <ul style="list-style-type: none"> <li>• Staff will participate in training on data team development and Data Driven Decision Making (DDDM)</li> </ul>	<p><b>Person Responsible:</b></p> <ul style="list-style-type: none"> <li>• Central Office, Lead Principal</li> <li>• John Laverty</li> <li>• Patricia Sullivan</li> <li>• Math Facilitator</li> </ul> <p><b>Others Involved:</b></p> <ul style="list-style-type: none"> <li>• LMT</li> </ul>	<p><b>Timeline:</b></p> <ul style="list-style-type: none"> <li>• August 28, 2006-August 31, 2006</li> </ul>	<p><b>Budget:</b></p> <ul style="list-style-type: none"> <li>• N/A</li> </ul>
<p><b>Action Steps</b> (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><b>Person (s) Responsible</b> (Place in bold or underline the primary person responsible at the school level for each action step)</p>	<p><b>Timeline</b> (Projected timeframe for completing action steps, as well as intermittent benchmark periods.)</p>	<p><b>Resources &amp; Budget</b> (Materials, grants, funds and other resources targeted to support the action step. Include technical assistance from LEA, CSDE, RESC, etc.)</p>

<b>2<sup>nd</sup> Quarter</b>			
<p><b>Instruction Action Step 2.1e:</b></p> <ul style="list-style-type: none"> <li>• Create and disseminate lesson plan template based on Principles of Learning for mathematics utilizing the identified priority strands and corresponding skills. Lesson plan template will include:               <ul style="list-style-type: none"> <li>• 15 minute CMT Spiraling lesson based on pre-identified priority strand and skill subsets.</li> <li>• 60 Minute daily lessons                   <ul style="list-style-type: none"> <li>- CMT strand</li> <li>- Mini lessons, modeling and scaffolding</li> <li>- Flexible grouping</li> <li>- Guided/Independent Practice Reflection</li> </ul> </li> </ul> </li> <li>• Continue to identify and implement strands and skill subsets based on quarterly assessments</li> </ul>	<p><b>Persons Responsible:</b></p> <ul style="list-style-type: none"> <li>• Math Facilitator</li> <li>• Instructional staff</li> <li>• John Lavery</li> <li>• Patricia Sullivan</li> <li>• LMT</li> </ul> <p><b>Others Involved:</b></p>	<p><b>Timeline:</b></p> <ul style="list-style-type: none"> <li>• November 2006</li> </ul>	<p><b>Budget:</b></p> <ul style="list-style-type: none"> <li>• School Site Budget</li> </ul>
<p><b>Assessment 2.1f</b></p> <ul style="list-style-type: none"> <li>• Weekly Lesson plans checked by administration</li> <li>• Reflection of template at grade level team meetings to ensure template lends itself to differentiation</li> <li>• Assessments               <ul style="list-style-type: none"> <li>- HMSA</li> <li>- Unit Tests</li> </ul> </li> </ul>	<p><b>Persons Responsible:</b></p> <ul style="list-style-type: none"> <li>• Math Facilitator</li> <li>• Instructional staff</li> <li>• John Lavery</li> <li>• Patricia Sullivan</li> <li>• LMT</li> </ul>	<p><b>Timeline:</b></p> <ul style="list-style-type: none"> <li>• Weekly November 2006 – January 2007</li> <li>• HMSA January 2007</li> <li>• Unit tests as determined by EDM</li> </ul>	<p><b>Budget:</b></p> <ul style="list-style-type: none"> <li>• N/A</li> </ul>
<p><b>Parental Involvement 2.1 g:</b></p> <ul style="list-style-type: none"> <li>• Home Links – Everyday Math Grades K-5</li> <li>• Disseminate progress reports to parents after each major assessment</li> </ul>	<p><b>Persons Responsible:</b></p> <ul style="list-style-type: none"> <li>• Instructional Staff</li> <li>• Math Facilitator</li> </ul>	<p><b>Timeline:</b></p> <ul style="list-style-type: none"> <li>• Home Links - EDM guide as recommended</li> <li>• November 30, 2006</li> <li>• December 22, 2006</li> </ul>	<p><b>Budget:</b></p> <ul style="list-style-type: none"> <li>• N/A</li> </ul>

<p>- HMSA/PC PAL</p> <ul style="list-style-type: none"> <li>Progress Reports</li> </ul>			
<p><b>Professional Development Action Step 2.1h:</b></p> <ul style="list-style-type: none"> <li>Utilizing HMSA data identify priority strands and skill subsets</li> <li>Unwrapping the identified priority strands and skills</li> <li>Learning Walk</li> <li>Academic Review</li> </ul>	<p><b>Person Responsible:</b></p> <ul style="list-style-type: none"> <li>Math Facilitator</li> <li>John Lavery</li> <li>Patricia Sullivan</li> </ul> <p><b>Others Involved:</b></p>	<p><b>Timeline:</b></p> <ul style="list-style-type: none"> <li>PD and staff meetings November</li> <li>Learning Walk January 5, 2006</li> <li>Academic Review November 18-19, 2006</li> </ul>	<p><b>Budget:</b></p> <ul style="list-style-type: none"> <li>N/A</li> </ul>
<p><b>Action Steps</b> (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><b>Person (s) Responsible</b> (Place in bold or underline the primary person responsible at the school level for each action step)</p>	<p><b>Timeline</b> (Projected timeframe for completing action steps, as well as intermittent benchmark periods.)</p>	<p><b>Resources &amp; Budget</b> (Materials, grants, funds and other resources targeted to support the action step. Include technical assistance from LEA, CSDE, RESC, etc.)</p>
<p><b>3<sup>rd</sup> Quarter</b></p>			
<p><b>Instruction Action Step 2.1i:</b></p> <ul style="list-style-type: none"> <li>Teachers will utilize Mathematics template to ensure differentiated instruction.</li> <li>Continue to identify and implement strands and skill subsets based on quarterly assessments</li> </ul>	<p><b>Persons Responsible:</b></p> <ul style="list-style-type: none"> <li>Instructional Staff</li> </ul> <p><b>Others Involved:</b></p> <ul style="list-style-type: none"> <li>Math Facilitator</li> </ul>	<p><b>Timeline:</b></p> <ul style="list-style-type: none"> <li>April 5, 2006</li> </ul>	<p><b>Budget:</b></p> <ul style="list-style-type: none"> <li>N/A</li> </ul>
<p><b>Assessment 2.1j:</b></p> <ul style="list-style-type: none"> <li>Weekly lesson plans checked by administration</li> <li>Reflection of template at grade level meetings to ensure template lends itself to differentiation</li> <li>Unit Tests</li> </ul>	<p><b>Persons Responsible:</b></p> <ul style="list-style-type: none"> <li>John Lavery</li> <li>Patricia Sullivan</li> <li>Math Facilitator</li> <li>Instructional Staff</li> </ul>	<p><b>Timeline:</b></p> <ul style="list-style-type: none"> <li>Weekly Lesson Plans</li> <li>Reflections ongoing through April 5, 2007</li> <li>Unit test as determined by EDM</li> </ul>	<p><b>Budget:</b></p> <ul style="list-style-type: none"> <li>N/A</li> </ul>
<p><b>Parental Involvement Action Step 2.1k:</b></p> <ul style="list-style-type: none"> <li>Home Links – Everyday Math Grades K-5</li> <li>Disseminate progress reports to parents after each major assessment <ul style="list-style-type: none"> <li>- HMSA/PC PAL</li> </ul> </li> <li>Math Night/CMT Rally</li> </ul>	<p><b>Person Responsible:</b></p> <ul style="list-style-type: none"> <li>Nancy Diaz, FRA</li> <li>John Lavery</li> <li>Patricia Sullivan</li> <li>Instructional staff</li> <li>Math Facilitator</li> </ul> <p><b>Others Involved:</b></p>	<p><b>Timeline:</b></p> <ul style="list-style-type: none"> <li>Home Links - EDM guide as recommended</li> <li>Progress Reports January 30, 2007</li> <li>Math Night - February 28, 2007</li> </ul>	<p><b>Budget:</b></p> <ul style="list-style-type: none"> <li>Parent Activity Fund</li> </ul>

<b>Professional Development Action Step 2.1i:</b> <ul style="list-style-type: none"> <li>Learning Walk</li> </ul>	<b>Person Responsible:</b> <ul style="list-style-type: none"> <li>Math Facilitator</li> <li>John Lavery</li> <li>Patricia Sullivan</li> </ul> <b>Others Involved:</b>	<b>Timeline:</b> <ul style="list-style-type: none"> <li>Learning Walk February 8, 2007</li> </ul>	<b>Budget:</b> <ul style="list-style-type: none"> <li>N/A</li> </ul>
<b>Action Steps</b> (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.)	<b>Person (s) Responsible</b> (Place in bold or underline the primary person responsible at the school level for each action step)	<b>Timeline</b> (Projected timeframe for completing action steps, as well as intermittent benchmark periods.)	<b>Resources &amp; Budget</b> (Materials, grants, funds and other resources targeted to support the action step. Include technical assistance from LEA, CSDE, RESC, etc.)
<b>4<sup>th</sup> Quarter</b>			
<b>Instruction Action Step 2.1m:</b> <ul style="list-style-type: none"> <li>Teachers will continue to utilize lesson plan template during Mathematics</li> <li>Continue to identify and implement strands and skill subsets based on quarterly assessments</li> <li>Data Teams will meet and review data to reflect upon effectiveness of lesson plan template</li> <li>Leadership Management Team will analyze reflections of Data Teams</li> <li>LMT will compare data from June 2006 with June 2007</li> </ul>	<b>Persons Responsible:</b> <ul style="list-style-type: none"> <li>Math Facilitator</li> <li>Instructional Staff K-8</li> <li>John Lavery</li> <li>Patricia Sullivan</li> </ul> <b>Others Involved:</b>	<b>Timeline:</b> <ul style="list-style-type: none"> <li>April 2007 through June 2007</li> <li>Data Teams will meet by June 1, 2007</li> <li>LMT to meet by June 8, 2007</li> </ul>	<b>Budget:</b> <ul style="list-style-type: none"> <li>N/A</li> </ul>
<b>Assessment Action Step 2.1 n</b> <ul style="list-style-type: none"> <li>Weekly lesson plans checked by administration</li> <li>Reflection of template at grade level meetings to ensure template lends itself to differentiation</li> </ul>	<b>Persons Responsible:</b> <ul style="list-style-type: none"> <li>John Lavery</li> <li>Patricia Sullivan</li> <li>Math Facilitator</li> <li>Instructional Staff</li> </ul>	<b>Timeline:</b> <ul style="list-style-type: none"> <li>Weekly Lesson plans on-going Mid April 2007 to Mid June 2007</li> <li>Weekly Grade Level Meetings on-going Mid April 2007 to</li> </ul>	<b>Budget:</b> <ul style="list-style-type: none"> <li>N/A</li> </ul>

<ul style="list-style-type: none"> <li>• Assessment:             <ul style="list-style-type: none"> <li>- HMSA</li> <li>- Unit Tests</li> </ul> </li> </ul>		<p>Mid June 2007</p> <ul style="list-style-type: none"> <li>• HMSA May 2007</li> <li>• Unit tests as determined by EDM</li> </ul>	
<p><b>Parental Involvement Action Step 2.1o:</b></p> <ul style="list-style-type: none"> <li>• P.T.O. meetings</li> <li>• Parent report conference</li> <li>• Flyers, math home links and newsletters</li> <li>• Progress reports</li> <li>• Send home data for major assessments</li> </ul>	<p><b>Person Responsible:</b></p> <ul style="list-style-type: none"> <li>• Nancy Diaz, FRA</li> <li>• Instructional staff</li> <li>• Math Facilitator</li> </ul> <p><b>Others Involved:</b></p> <ul style="list-style-type: none"> <li>• John Lavery</li> <li>• Patricia Sullivan</li> </ul>	<p><b>Timeline:</b></p> <ul style="list-style-type: none"> <li>• PTO Meetings April 2007 through June 2007</li> <li>• April 25, 26 2007 – parent conferences, report cards</li> <li>• Flyers and data ongoing April 2007 through June 2007</li> <li>• Home Links - EDM guide as recommended</li> <li>• Progress Reports by April 5, 2007</li> </ul>	<p><b>Budget:</b></p> <ul style="list-style-type: none"> <li>• Title 1</li> <li>• School Site Budget</li> <li>• P.T.O. fund raising money</li> </ul>
<p><b>Professional Development Action Step 2.1p:</b></p> <ul style="list-style-type: none"> <li>• Learning Walk</li> <li>• Data from Academic Review</li> <li>• LMT will share results on the effectiveness of the template and the impact on student achievement with staff</li> </ul>	<p><b>Person Responsible:</b></p> <ul style="list-style-type: none"> <li>• John Lavery</li> <li>• Patricia Sullivan</li> <li>• Instructional Staff</li> <li>• Mathematics Facilitator</li> </ul> <p><b>Others Involved:</b></p>	<p><b>Timeline:</b></p> <ul style="list-style-type: none"> <li>• Learning Walk May 8, 2007</li> <li>• Academic Review May 22-23, 2007</li> <li>• LMT Staff Meeting June 19, 2007</li> </ul>	<p><b>Budget:</b></p> <ul style="list-style-type: none"> <li>• N/A</li> </ul>

**Plan of Action – Year 1 (2007-2008)**

**Objective 2 – Numeracy: A 15% improvement at levels 3, 4, 5 (proficient or above) on the literacy portion of the CMT in grades 3-8.**

**Strategy 2: To promote Accountable Talk/Talk Moves utilizing cooperative learning standards in order to create critical math thinkers.**

<b>Action Steps</b> (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.)	<b>Person (s) Responsible</b> (Place in bold or underline the primary person responsible at the school level for each action step)	<b>Timeline</b> (Projected timeframe for completing action steps, as well as intermittent benchmark periods.)	<b>Resources &amp; Budget</b> (Materials, grants, funds and other resources targeted to support the action step. Include technical assistance from LEA, CSDE, RESC, etc.)
<b>1<sup>st</sup> Quarter</b>			
<b>Instruction Action Step 2.2a:</b> <ul style="list-style-type: none"> <li>Utilize cooperative learning standards</li> <li>Establish cooperative groups</li> <li>Teachers will brainstorm with students rights and responsibilities of a community of learners</li> <li>Teachers introduce, model, and scaffold Talk Moves (M3) guidelines</li> </ul>	<b>Person Responsible:</b> <ul style="list-style-type: none"> <li>Instructional Staff</li> <li>Math Facilitator</li> </ul> <b>Others Involved:</b>	<b>Timeline:</b> <ul style="list-style-type: none"> <li>September 2006-November 2006</li> </ul>	<b>Budget:</b> <ul style="list-style-type: none"> <li>N/A</li> </ul>
<b>Assessment Action Step 2.2b:</b> <ul style="list-style-type: none"> <li>Charted Learning</li> <li>Formal and informal classroom observations</li> </ul>	<b>Person Responsible:</b> <ul style="list-style-type: none"> <li>Math Facilitator</li> <li>John Lavery</li> <li>Patricia Sullivan</li> </ul> <b>Others Involved:</b>	<b>Timeline:</b> <ul style="list-style-type: none"> <li>September 2006-November 2006</li> </ul>	<b>Budget:</b> <ul style="list-style-type: none"> <li>N/A</li> </ul>
<b>Parental Involvement Action Step 2.2c:</b> <ul style="list-style-type: none"> <li>Teachers will discuss cooperative learning standards and accountable talk/talk moves at Open House</li> </ul>	<b>Person Responsible:</b> <ul style="list-style-type: none"> <li>Instructional staff</li> </ul> <b>Others Involved:</b> <ul style="list-style-type: none"> <li>Math Facilitator</li> </ul>	<b>Timeline:</b> <ul style="list-style-type: none"> <li>Open house September 20, 2006</li> </ul>	<b>Budget:</b> <ul style="list-style-type: none"> <li>N/A</li> </ul>
<b>Professional Development Action Step 2.2d:</b> <ul style="list-style-type: none"> <li>Book Talk of <i>Classroom Discussions</i> by Suzanne Chapin</li> </ul>	<b>Person Responsible:</b> <ul style="list-style-type: none"> <li>Math Facilitator</li> <li>Instructional Staff</li> </ul>	<b>Timeline:</b> <ul style="list-style-type: none"> <li>Book Talk and Talk Moves August In-service</li> </ul>	<b>Budget:</b> <ul style="list-style-type: none"> <li>School Site Budget</li> </ul>

<ul style="list-style-type: none"> <li>• Talk Moves introduction and video by UCONN M3 staff</li> <li>• Continued professional development in Principles of Learning: Accountable Talk</li> <li>• Learning Walk</li> </ul>	<ul style="list-style-type: none"> <li>• John Lavery</li> <li>• Patricia Sullivan</li> <li>• UCONN M3 Staff</li> </ul> <p><b>Others Involved:</b></p>	<ul style="list-style-type: none"> <li>• Learning Walk October 17, 2006</li> </ul>	
<b>2<sup>nd</sup> Quarter</b>			
<p><b>Instruction Action Step 2.2e:</b></p> <ul style="list-style-type: none"> <li>• Reinforce cooperative learning standards</li> <li>• Teacher will facilitate whole group discussions utilizing Talk Moves with continued emphasis on classroom rights and obligations</li> </ul>	<p><b>Person Responsible:</b></p> <ul style="list-style-type: none"> <li>• Math Facilitator</li> <li>• Instructional staff</li> </ul> <p><b>Others Involved:</b></p>	<p><b>Timeline:</b></p> <ul style="list-style-type: none"> <li>• Mid November – Mid January</li> <li>• November PCPal data used to determine curricular needs thus far</li> </ul>	<p><b>Budget:</b></p> <ul style="list-style-type: none"> <li>• N/A</li> </ul>
<p><b>Assessment Action Step 2.2f:</b></p> <ul style="list-style-type: none"> <li>• Charted Learning</li> <li>• Formal and informal classroom observations</li> </ul>	<p><b>Person Responsible:</b></p> <ul style="list-style-type: none"> <li>• Instructional staff</li> <li>• Math Facilitator</li> <li>• John Lavery</li> <li>• Patricia Sullivan</li> </ul> <p><b>Others Involved:</b></p>	<p><b>Timeline:</b></p> <ul style="list-style-type: none"> <li>• Mid November 2006 – Mid January 2007</li> </ul>	<p><b>Budget:</b></p> <ul style="list-style-type: none"> <li>• N/A</li> </ul>
<p><b>Parental Involvement Action Step 2.2g:</b></p> <ul style="list-style-type: none"> <li>• Students will explain homework concepts, strategies and skills to parents and report back in classroom discussion</li> <li>• Home Link Newsletter</li> </ul>	<p><b>Person Responsible:</b></p> <ul style="list-style-type: none"> <li>• Students</li> <li>• Instructional Staff</li> <li>• Nancy Diaz, FRA</li> <li>• Math Facilitator</li> </ul> <p><b>Others Involved:</b></p>	<p><b>Timeline:</b></p> <ul style="list-style-type: none"> <li>• Mid November 2006 – Mid January 2007</li> <li>• Home Links - EDM guide as recommended</li> </ul>	<p><b>Budget:</b></p> <ul style="list-style-type: none"> <li>• N/A</li> </ul>
<p><b>Professional Development Action Step 2.2h:</b></p> <ul style="list-style-type: none"> <li>• Continued professional development in Principles of Learning: Accountable Talk</li> <li>• Talk Moves support as needed/requested</li> </ul>	<p><b>Person Responsible:</b></p> <ul style="list-style-type: none"> <li>• Math Facilitator</li> <li>• John Lavery</li> <li>• Patricia Sullivan</li> <li>• Math Department Chairs</li> </ul>	<p><b>Timeline:</b></p> <ul style="list-style-type: none"> <li>• Mid November 2006 – Mid January 2007</li> <li>• Learning Walk January 5, 2007</li> </ul>	<p><b>Budget:</b></p> <ul style="list-style-type: none"> <li>• N/A</li> </ul>

<ul style="list-style-type: none"> <li>Learning Walk</li> </ul>	<ul style="list-style-type: none"> <li>UCONN</li> </ul> <p><b>Others Involved:</b></p> <ul style="list-style-type: none"> <li>Instructional Staff</li> </ul>		
<b>3<sup>rd</sup> Quarter</b>			
<p><b>Instruction Action Step 2.2i:</b></p> <ul style="list-style-type: none"> <li>Reinforce cooperative learning standards as needed</li> <li>Teacher will facilitate small group discussions utilizing Talk Moves with continued emphasis on classroom rights and obligations</li> </ul>	<p><b>Person Responsible:</b></p> <ul style="list-style-type: none"> <li>Math Facilitator</li> <li>Instructional staff</li> </ul> <p><b>Others Involved:</b></p>	<p><b>Timeline:</b></p> <ul style="list-style-type: none"> <li>Mid January to Mid April 2007</li> </ul>	<p><b>Budget:</b></p> <ul style="list-style-type: none"> <li>N/A</li> </ul>
<p><b>Assessment Action Step 2.2j:</b></p> <ul style="list-style-type: none"> <li>Charted Learning</li> <li>Formal and informal classroom observations Rubrics</li> </ul>	<p><b>Person Responsible:</b></p> <ul style="list-style-type: none"> <li>Instructional staff</li> <li>Math Facilitator</li> <li>John Laverty</li> <li>Patricia Sullivan</li> </ul> <p><b>Others Involved:</b></p>	<p><b>Timeline:</b></p> <ul style="list-style-type: none"> <li>Mid January to Mid April 2007</li> </ul>	<p><b>Budget:</b></p> <ul style="list-style-type: none"> <li>N/A</li> </ul>
<p><b>Parental Involvement Action Step 2.2k:</b></p> <ul style="list-style-type: none"> <li>Students will explain homework concepts, strategies and skills to parents and report back in classroom discussion</li> <li>Home Link Newsletter</li> </ul>	<p><b>Person Responsible:</b></p> <ul style="list-style-type: none"> <li>Students</li> <li>Nancy Diaz, FRA</li> <li>Instructional staff</li> <li>Math Facilitator</li> </ul> <p><b>Others Involved:</b></p>	<p><b>Timeline:</b></p> <ul style="list-style-type: none"> <li>Mid January to Mid April 2007</li> <li>Home Links - EDM guide as recommended</li> </ul>	<p><b>Budget:</b></p> <ul style="list-style-type: none"> <li>N/A</li> </ul>
<p><b>Professional Development Action Step 2.2l:</b></p> <ul style="list-style-type: none"> <li>Spotlight on Learning during Staff Meetings to share success stories</li> <li>Talk Moves support as needed/requested</li> <li>Learning Walk</li> </ul>	<p><b>Person Responsible:</b></p> <ul style="list-style-type: none"> <li>Math Facilitator</li> <li>John Laverty</li> <li>Patricia Sullivan</li> </ul>	<p><b>Timeline:</b></p> <ul style="list-style-type: none"> <li>Mid January to Mid April 2007</li> <li>Learning Walk February 8, 2007</li> <li>Spotlight on learning weekly staff meetings</li> </ul>	<p><b>Budget:</b></p> <ul style="list-style-type: none"> <li>N/A</li> </ul>

<b>4<sup>th</sup> Quarter</b>			
<p><b>Instruction Action Step 2.2m:</b></p> <ul style="list-style-type: none"> <li>• Students will utilize Talk Moves in Math discourse under continued facilitation of teacher as necessary</li> <li>• Spring PC Pal data grades 2-8 used as a reflection device at grade level meetings to determine needs for following school year</li> </ul>	<p><b>Person Responsible:</b></p> <ul style="list-style-type: none"> <li>• Leadership Management Team</li> <li>• Math Facilitator</li> <li>• Instructional staff</li> </ul> <p><b>Others Involved:</b></p>	<p><b>Timeline:</b></p> <ul style="list-style-type: none"> <li>• Mid January to Mid April 2007</li> <li>• Weekly Grade Level Meetings</li> </ul>	<p><b>Budget:</b></p> <ul style="list-style-type: none"> <li>• N/A</li> </ul>
<p><b>Assessment Action Step 2.2n:</b></p> <ul style="list-style-type: none"> <li>• Charted Learning</li> <li>• Formal and informal classroom observations</li> </ul>	<p><b>Person Responsible:</b></p> <ul style="list-style-type: none"> <li>• Instructional staff</li> <li>• Math Facilitator</li> <li>• John Lavery</li> <li>• Patricia Sullivan</li> </ul> <p><b>Others Involved:</b></p>	<p><b>Timeline:</b></p> <ul style="list-style-type: none"> <li>• Mid January to Mid April 2007</li> </ul>	<p><b>Budget:</b></p> <ul style="list-style-type: none"> <li>• N/A</li> </ul>
<p><b>Parental Involvement Action Step 2.2o:</b></p> <ul style="list-style-type: none"> <li>• Students will explain homework concepts, strategies and skills to parents and report back in classroom discussion</li> <li>• Home Link Newsletter</li> </ul>	<p><b>Person Responsible:</b></p> <ul style="list-style-type: none"> <li>• Students</li> <li>• Nancy Diaz, FRA</li> <li>• Instructional staff</li> <li>• Math Facilitator</li> </ul> <p><b>Others Involved:</b></p>	<p><b>Timeline:</b></p> <ul style="list-style-type: none"> <li>• Mid January to Mid April 2007</li> <li>• Home Links - EDM guide as recommended</li> </ul>	<p><b>Budget:</b></p> <ul style="list-style-type: none"> <li>• N/A</li> </ul>
<p><b>Professional Development Action Step 2.2p:</b></p> <ul style="list-style-type: none"> <li>• Spotlight on Learning during Staff Meetings to share success stories</li> <li>• Learning Walk</li> </ul>	<p><b>Person Responsible:</b></p> <ul style="list-style-type: none"> <li>• Math Facilitator</li> <li>• John Lavery</li> <li>• Patricia Sullivan</li> </ul>	<p><b>Timeline:</b></p> <ul style="list-style-type: none"> <li>• Spotlight on Learning Weekly Staff Meetings</li> <li>• Learning Walk May 8, 2007</li> </ul>	<p><b>Budget:</b></p> <ul style="list-style-type: none"> <li>• N/A</li> </ul>

### Plan of Action – Year 1 (2007-2008)

**Objective 2 – Numeracy: A 15% improvement at levels 3, 4, 5 (proficient or above) on the literacy portion of the CMT in grades 3-8.**

**Strategy 3: In order to support all students (with special emphasis on ELL students and special education students) a guided response map and rubric will be developed and utilized to scaffold the writing of open-ended responses.**

<b>Action Steps</b> (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.)	<b>Person (s) Responsible</b> (Place in bold or underline the primary person responsible at the school level for each action step)	<b>Timeline</b> (Projected timeframe for completing action steps, as well as intermittent benchmark periods.)	<b>Resources &amp; Budget</b> (Materials, grants, funds and other resources targeted to support the action step. Include technical assistance from LEA, CSDE, RESC, etc.)
<b>1<sup>st</sup> Quarter</b>			
<b>Instruction Action Step 2.3a:</b> <ul style="list-style-type: none"> <li>Review of previous year’s open-ended CMT and HMSA data to determine student needs</li> <li>Administer baseline Assessment of open-ended response</li> <li>LMT to create template for guided response map using ELL strategies and SIOP Model</li> <li>Develop rubric using kid friendly language</li> </ul>	<b>Person Responsible:</b> <ul style="list-style-type: none"> <li>Instructional Staff</li> <li>John Laverty</li> <li>Patricia Sullivan</li> <li>Math Facilitator</li> <li>LMT</li> </ul> <b>Others Involved:</b>	<b>Timeline:</b> <ul style="list-style-type: none"> <li>September 2006-Mid November 2006</li> <li>Baseline Assessment to be done by September 30, 2006</li> <li>Template to be created by September 30, 2006</li> <li>Rubric to be created by September 30, 2006</li> </ul>	<b>Budget:</b> <ul style="list-style-type: none"> <li>UCONN for M3 only</li> </ul>
<b>Assessment Action Step 2.3b:</b> <ul style="list-style-type: none"> <li>HMSA open ended problems</li> <li>Rubric</li> <li>Quarterly open-ended response test (baseline assessment) to be determined at grade level team meetings</li> </ul>	<b>Person Responsible:</b> <ul style="list-style-type: none"> <li>All teachers of math</li> <li>John Laverty</li> <li>Patricia Sullivan</li> <li>Central Office</li> <li>Math Facilitator</li> </ul>	<b>Timeline:</b> <ul style="list-style-type: none"> <li>HMSA October 2006</li> <li>November 2006 district math assessment</li> <li>Student rubric will start in September 2006 and will be updated as the students’ math skills evolve</li> </ul>	<b>Budget:</b> <ul style="list-style-type: none"> <li>Central Office</li> </ul>
<b>Parental Involvement Action Step 2.3c:</b> <ul style="list-style-type: none"> <li>Share with parents school-wide CMT data at Open House</li> <li>Parents can sign-up to meet with teachers to discuss individual CMT scores</li> </ul>	<b>Person Responsible:</b> <ul style="list-style-type: none"> <li>Nancy Diaz, FRA</li> <li>John Laverty</li> <li>Patricia Sullivan</li> <li>Instructional staff</li> </ul>	<b>Timeline:</b> <ul style="list-style-type: none"> <li>Open House September 20, 2006</li> <li>Parent Conferences November 15, 16, 2006</li> </ul>	<b>Budget:</b> <ul style="list-style-type: none"> <li>N/A</li> </ul>

<ul style="list-style-type: none"> <li>Teachers will meet with all parents during formal parent teacher conferences at the end of the quarter</li> </ul>	<ul style="list-style-type: none"> <li>All support staff and parents</li> <li>Math Facilitator</li> </ul> <p><b>Others Involved:</b></p>		
<p><b>Professional Development Action Step 2.3d:</b></p> <ul style="list-style-type: none"> <li>Review of CMT open-ended responses, rubrics and anchor sets</li> <li>LMT to present and discuss guided response map and rubric</li> <li>Grade level teams to meet and determine quarterly open ended response test(s)</li> </ul>	<p><b>Person Responsible:</b></p> <ul style="list-style-type: none"> <li>Math Facilitator</li> <li>SFA Facilitator</li> <li>John Laverty</li> <li>Patricia Sullivan</li> </ul> <p><b>Others Involved:</b></p>	<p><b>Timeline:</b></p> <ul style="list-style-type: none"> <li>Review of CMT responses, rubrics, and anchor sets August In-Service</li> <li>LMT to present guided response map October 12, 2006</li> <li>Weekly Grade Level Team Meetings</li> </ul>	<p><b>Budget:</b></p> <ul style="list-style-type: none"> <li>N/A</li> </ul>
<b>2<sup>nd</sup> Quarter</b>			
<p><b>Instruction Action Step 2.3e:</b></p> <ul style="list-style-type: none"> <li>Shared writing of open-ended response using Guided Response Map with whole group</li> <li>Use rubric to grade shared responses as a whole group</li> </ul>	<p><b>Person Responsible:</b></p> <ul style="list-style-type: none"> <li>All teachers of math</li> <li>John Laverty</li> <li>Patricia Sullivan</li> </ul> <p><b>Others Involved:</b></p> <ul style="list-style-type: none"> <li>Math Facilitator</li> <li>SFA Facilitator</li> </ul>	<p><b>Timeline:</b></p> <ul style="list-style-type: none"> <li>Mid November, 2006 through Mid January, 2007</li> </ul>	<p><b>Budget:</b></p> <ul style="list-style-type: none"> <li>N/A</li> </ul>
<p><b>Assessment Action Step 2.3f:</b></p> <ul style="list-style-type: none"> <li>Rubric</li> <li>Quarterly open-ended response test to be determined at grade level team meetings</li> <li>HMSA open ended problems</li> </ul>	<p><b>Person Responsible:</b></p> <ul style="list-style-type: none"> <li>All teachers of math</li> <li>John Laverty</li> <li>Patricia Sullivan</li> <li>Math Facilitator</li> </ul> <p><b>Others Involved:</b></p> <ul style="list-style-type: none"> <li>SFA Facilitator</li> </ul>	<p><b>Timeline:</b></p> <ul style="list-style-type: none"> <li>Mid November, 2006 through Mid January, 2007</li> <li>HMSA January 2007</li> </ul>	<p><b>Budget:</b></p> <ul style="list-style-type: none"> <li>Central Office</li> </ul>
<p><b>Parental Involvement Action Step 2.3g:</b></p> <ul style="list-style-type: none"> <li>Students will explain guided response map and open-ended questions to parents and report back in classroom discussion</li> </ul>	<p><b>Person Responsible:</b></p> <ul style="list-style-type: none"> <li>FRA</li> <li>John Laverty</li> <li>Patricia Sullivan</li> </ul>	<p><b>Timeline:</b></p> <ul style="list-style-type: none"> <li>Mid November, 2006 through Mid January, 2007</li> <li>Parent conferences January 31, February 1, 2007</li> </ul>	<p><b>Budget:</b></p> <ul style="list-style-type: none"> <li>N/A</li> </ul>

<ul style="list-style-type: none"> <li>• Home Link Newsletter</li> <li>• Teachers will meet with all parents during formal parent teacher conferences at the end of the quarter</li> </ul>	<ul style="list-style-type: none"> <li>• Instructional staff</li> <li>• Math Facilitator</li> </ul> <p><b>Others Involved:</b></p>	<ul style="list-style-type: none"> <li>• Home Links - EDM guide as recommended</li> </ul>	
<p><b>Professional Development Action Step 2.3h:</b></p> <ul style="list-style-type: none"> <li>• Grade level teams to meet and determine quarterly open ended response test(s)</li> <li>• Spotlight on Learning</li> <li>• Academic Review</li> <li>• Learning Walk</li> </ul>	<p><b>Person Responsible:</b></p> <ul style="list-style-type: none"> <li>• Math Facilitator</li> <li>• SFA Facilitator</li> <li>• John Lavery</li> <li>• Patricia Sullivan</li> </ul> <p><b>Others Involved:</b></p>	<p><b>Timeline:</b></p> <ul style="list-style-type: none"> <li>• Weekly Grade Level Team Meetings</li> <li>• Spotlight on Learning weekly staff meetings</li> <li>• Academic Review January 30, 31, 2007</li> <li>• Learning Walk January 5, 2007</li> </ul>	<p><b>Budget:</b></p> <ul style="list-style-type: none"> <li>• N/A</li> </ul>
<b>3<sup>rd</sup> Quarter</b>			
<p><b>Instructional Action Step 2.3i:</b></p> <ul style="list-style-type: none"> <li>• Writing of open-ended response using Guided Response Map with partners, small group</li> <li>• Whole group shared writing if needed</li> <li>• Use rubric to grade responses in small groups or partners</li> </ul>	<p><b>Person Responsible:</b></p> <ul style="list-style-type: none"> <li>• Instructional Staff</li> <li>• John Lavery</li> <li>• Patricia Sullivan</li> <li>• Math Facilitator</li> <li>• SFA Facilitator</li> <li>• LMT</li> <li>• Data Teams</li> </ul> <p><b>Others Involved:</b></p>	<p><b>Timeline:</b></p> <ul style="list-style-type: none"> <li>• Mid January through Mid April, 2007</li> </ul>	<p><b>Budget:</b></p> <ul style="list-style-type: none"> <li>• N/A</li> </ul>
<p><b>Assessment Action Step 2.3j:</b></p> <ul style="list-style-type: none"> <li>• CMT</li> <li>• Rubric</li> <li>• Quarterly open-ended response test to be determined at grade level team meetings</li> </ul>	<p><b>Person Responsible:</b></p> <ul style="list-style-type: none"> <li>• All teachers of math</li> <li>• John Lavery</li> <li>• Patricia Sullivan</li> <li>• Math Facilitator</li> <li>• SFA Facilitator</li> </ul> <p><b>Others Involved:</b></p>	<p><b>Timeline:</b></p> <ul style="list-style-type: none"> <li>• CMT March 5 – 30, 2007</li> <li>• Mid January through Mid April 2007</li> </ul>	<p><b>Budget:</b></p> <ul style="list-style-type: none"> <li>• Central Office</li> </ul>
<p><b>Parental Involvement Action Step 2.3k:</b></p> <ul style="list-style-type: none"> <li>• Students will explain guided response map and open-ended questions to parents and report back in classroom discussion</li> </ul>	<p><b>Person Responsible:</b></p> <ul style="list-style-type: none"> <li>• Nancy Diaz, FRA, FRA</li> <li>• John Lavery</li> <li>• Patricia Sullivan</li> <li>• Instructional staff</li> </ul>	<p><b>Timeline:</b></p> <ul style="list-style-type: none"> <li>• Mid January through Mid April 2007</li> <li>• Parent Conferences April 25, 26, 2007</li> </ul>	<p><b>Budget:</b></p> <ul style="list-style-type: none"> <li>• N/A</li> </ul>

<ul style="list-style-type: none"> <li>• Home Link Newsletter</li> <li>• Teachers will meet with all parents during formal parent teacher conferences at the end of the quarter</li> </ul>	<ul style="list-style-type: none"> <li>• Math Facilitator</li> </ul> <p><b>Others Involved:</b></p>	<ul style="list-style-type: none"> <li>• Home Links - EDM guide as recommended</li> </ul>	
<p><b>Professional Development Action Step 2.3i:</b></p> <ul style="list-style-type: none"> <li>• Grade level teams to meet and determine quarterly open ended response test(s)</li> <li>• Spotlight on Learning</li> <li>• Learning Walk</li> </ul>	<p><b>Person Responsible:</b></p> <ul style="list-style-type: none"> <li>• Math Facilitator</li> <li>• SFA Facilitator</li> <li>• John Lavery</li> <li>• Patricia Sullivan</li> </ul>	<p><b>Timeline:</b></p> <ul style="list-style-type: none"> <li>• Mid January through Mid April 2007</li> <li>• Spotlight on Learning Weekly Staff Meetings</li> <li>• Learning Walk February 8, 2007</li> </ul>	<p><b>Budget:</b></p> <ul style="list-style-type: none"> <li>• N/A</li> </ul>
<b>4<sup>th</sup> Quarter</b>			
<p><b>Instruction Action Step 2.3m:</b></p> <ul style="list-style-type: none"> <li>• Writing of open-ended response using Guided Response Map independently</li> <li>• Small group shared writing if needed</li> <li>• Peer review of responses using rubric</li> <li>• Data teams and LMT to reflect upon effectiveness of guided response map and revise if necessary</li> </ul>	<p><b>Person Responsible:</b></p> <ul style="list-style-type: none"> <li>• All teachers of math</li> <li>• John Lavery</li> <li>• Patricia Sullivan</li> <li>• Math Facilitator</li> <li>• SFA Facilitator</li> <li>• LMT</li> <li>• Data Teams</li> </ul> <p><b>Others Involved:</b></p>	<p><b>Timeline:</b></p> <ul style="list-style-type: none"> <li>• Mid April through June 2007</li> <li>• Data teams to meet by June 1, 2007</li> <li>• LMT to meet by June 8, 2007</li> </ul>	<p><b>Budget:</b></p> <ul style="list-style-type: none"> <li>• N/A</li> </ul>
<p><b>Assessment Action Step 2.3n:</b></p> <ul style="list-style-type: none"> <li>• HMSA open ended problems</li> <li>• Rubric</li> <li>• Quarterly open-ended response test (summative assessment) to be determined at grade level team meetings</li> </ul>	<p><b>Person Responsible:</b></p> <ul style="list-style-type: none"> <li>• All teachers of math</li> <li>• John Lavery</li> <li>• Patricia Sullivan</li> <li>• Math Facilitator</li> <li>• SFA Facilitator</li> </ul> <p><b>Others Involved:</b></p>	<p><b>Timeline:</b></p> <ul style="list-style-type: none"> <li>• HMSA May 2007</li> <li>• Mid April through June 2007</li> </ul>	<p><b>Budget:</b></p> <ul style="list-style-type: none"> <li>• Central Office</li> </ul>
<p><b>Parental Involvement Action Step 2.3o:</b></p> <ul style="list-style-type: none"> <li>• Students will explain guided response</li> </ul>	<p><b>Person Responsible:</b></p> <ul style="list-style-type: none"> <li>• Nancy Diaz, FRA, FRA</li> </ul>	<p><b>Timeline:</b></p> <ul style="list-style-type: none"> <li>• Mid April through June 2007</li> </ul>	<p><b>Budget:</b></p> <ul style="list-style-type: none"> <li>• N/A</li> </ul>

<p>map and open-ended questions to parents and report back in classroom discussion</p> <ul style="list-style-type: none"> <li>• Home Link Newsletter</li> </ul>	<ul style="list-style-type: none"> <li>• John Lavery</li> <li>• Patricia Sullivan</li> <li>• Instructional staff</li> <li>• Math Facilitator</li> </ul> <p><b>Others Involved:</b></p>	<ul style="list-style-type: none"> <li>• Home Links - EDM guide as recommended</li> </ul>	
<p><b>Professional Development Action Step 2.3p:</b></p> <ul style="list-style-type: none"> <li>• Grade level teams to meet and determine quarterly open ended response test(s) and gather year-end data</li> <li>• Spotlight on Learning</li> <li>• Academic Review</li> <li>• Learning Walk</li> <li>• LMT to share with staff comparison data using baseline and summative assessments</li> <li>• Data teams and LMT to reflect upon effectiveness of guided response map and revise if necessary</li> </ul>	<p><b>Person Responsible:</b></p> <ul style="list-style-type: none"> <li>• Math Facilitator</li> <li>• SFA Facilitator</li> <li>• John Lavery</li> <li>• Patricia Sullivan</li> <li>• LMT</li> <li>• Data Teams</li> </ul>	<p><b>Timeline:</b></p> <ul style="list-style-type: none"> <li>• Weekly Grade Level Teams on-going Mid April through June 2007</li> <li>• Spotlight on Learning Weekly Staff Meetings</li> <li>• Academic Review May 22, 23, 2007</li> <li>• Learning Walk May 8, 2007</li> <li>• LMT to meet by June 8, 2007</li> <li>• Data teams meet by June 1, 2007</li> <li>• LMT Staff Meeting June 19, 20</li> </ul>	<p><b>Budget:</b></p> <ul style="list-style-type: none"> <li>• N/A</li> </ul>