

**Inquiry 5: Taking Action**

*Using your Theories of Action from Inquiry 3, create a plan that will guide the actions of staff, parents, and community.*

**School Improvement Plan (SIP)**

School Name: Nederland Elementary Date: September 26, 2008 When was the plan originally developed? Fall 2008

**School SMART Goals:**

Nederland Elementary School will increase the overall math achievement for all students by:

1. Increasing the math CSAP Matched Cohort Weighted Index for all students in grades 3 – 5 by 6 Weighted Index points over two years.
2. Increasing the overall CSAP growth percentage from 40 in 2008 to 50 in 2010.

**Achievement (A)**

<p>Transformational Strategies (2-4) Strategies are powerful enough to change and transform our practice, programs, and policies; strategies are coherent, school-wide, focused and intensive; related to our Theories of Action in Inquiry 3</p>	<p>Professional Development (I<sup>3</sup>) Plan aligns with goals; content is research/evidence based; introduces new Knowledge, Aspirations, Skills, Attitudes and Behaviors; implementation plan for Practice, Feedback, and Collaboration; plan to sustain over time (institutionalization)</p>	<p>Timeline Planning cycle for continuous improvement</p>	<p>Person Responsible</p>	<p>Resources</p>	<p>Evidence of Progress Evidence includes multiple measures at multiple times during the school year</p>
<p>• Nederland Elementary School Staff will <b>organize</b> and participate in a math book study using one of the following possible titles:</p> <ol style="list-style-type: none"> <li>1. <u>Elementary and Middle School Mathematics – Teaching Developmentally</u> John Van de Walle Published by Pearson.</li> <li>2. <u>Young Mathematicians at Work</u> Catherine Twomey Fosnot and Maureen Dolk</li> <li>3. <u>Children’s Mathematics – Cognitively Guided Instruction</u> by Carpenter</li> </ol>	<ul style="list-style-type: none"> <li>• Contact district for protocol for organizing a book study</li> <li>• <b>Organize</b> possible book study dates</li> <li>• Conduct book study and collaborative discussions about best practices</li> <li>• Teachers <b>incorporate</b> exemplary lessons in the classroom</li> <li>• Teachers share exemplary lessons and/or strategies at staff meetings</li> </ul>	<p>Fall 08</p> <p>Fall 08</p> <p>October 08 – May 09</p> <p>October 08 – May 09</p> <p>October 08 – May 09</p>	<p>Achievement Committee</p> <p>Classroom Teacher</p> <p>Principal</p> <p>Classroom Teacher</p>	<p>Different book titles</p> <p>Mary Pittman</p> <p>Jay Kaminsky</p> <p>Dara Glazer</p> <p>Classroom Teachers</p>	<ul style="list-style-type: none"> <li>• Attendance at book study</li> <li>• Classroom observations of strategies gained during book study</li> <li>• Summary of collaborative discussion topics</li> <li>• List of exemplary lessons shared</li> </ul>

**Nederland Elementary School Achievement Goal Action Plan**

<ul style="list-style-type: none"> <li>• Staff will discuss developmentally appropriate knowledge, strategies and skills during each book study</li> <li>• <b>Individualize</b> book study for different grade levels</li> </ul>					
<p><b>Expect 6</b> or more additional staff members be trained in Add+Vantage Math.</p>	<ul style="list-style-type: none"> <li>• <b>Initiate</b> conversations with the District about the need for several trainings to accommodate increased interest.</li> <li>• Schedule teachers for training</li> </ul>	<p>Summer 2009 and 2010</p>	<p>School District  Classroom Teachers</p>	<p>District Add + Vantage Math Trainers</p>	<ul style="list-style-type: none"> <li>• Certificates of completion</li> </ul>
<p><b>Compile</b> data from math screening to identify struggling math students</p>	<ul style="list-style-type: none"> <li>• Train some staff in Add + Vantage Math</li> <li>• Schedule assessment</li> <li>• Show screening DVD</li> <li>• Administer assessment to each student</li> <li>• <b>Analyze</b> data to determine struggling learners – <b>collaborate</b> with Add + Vantage math trainers</li> <li>• <b>Create</b> comprehensive curriculum maps that include possible differentiation for struggling learners and extensions for advanced learners</li> <li>• <b>Modify</b> math instruction to meet the needs of struggling learners based on screener and/or diagnostic testing</li> <li>• <b>Assess</b> availability of interventionist and schedule intervention assistance where needed the most</li> <li>• Implement pre and post assessments to measure growth</li> </ul>	<p>Summer 08  August 08  Sept 08  Ongoing  Fall 09  Sept 08  Aug 08 – May 09</p>	<p>Classroom Teachers</p>	<p>Kaiya Marcey Jill Kim  District Add + Vantage Math Trainers</p>	<ul style="list-style-type: none"> <li>• Compiled Data charts</li> <li>• Assessment Schedule</li> <li>• Adjustment to intervention schedule</li> <li>• Classroom observations with modified instruction for struggling learners</li> </ul>

### Nederland Elementary School Achievement Goal Action Plan

<p><i>Disseminate</i> results of math screening at fall parent teacher conferences</p>	<ul style="list-style-type: none"> <li>• Schedule fall conferences</li> <li>• <b>Develop</b> a visual for presenting screening information</li> <li>• Conference with parents about results of screener and interventions used in the classroom</li> </ul>	<p>Fall 08 and 09</p> <p>October 08</p> <p>Fall 08 and 09</p>	<p>Classroom Teachers</p> <p>Achievement Goal Committee</p> <p>Teachers</p>	<p>Kaiya Kim Marcey Jill</p> <p>Principal District Add + Vantage Math Trainers</p>	<ul style="list-style-type: none"> <li>• List of attendees at conferences</li> <li>• Visual for screener results</li> <li>• Visual of possible interventions</li> <li>• Conference schedules</li> </ul>
<p>Using new Essential Learning Results, <b>structure</b> time for staff to <b>develop</b> comprehensive curriculum maps to use as an instructional scope and sequence guide.</p>	<ul style="list-style-type: none"> <li>• Designate time during professional development staff meetings for teachers to work in vertical and grade-level teams</li> <li>• Allow math representatives time to discuss changes and updates from the district Math Curriculum Committee</li> <li>• <b>Collaborate</b> with other elementary schools on designing curriculum maps</li> </ul>	<p>Monthly</p> <p>Quarterly</p>	<p>Classroom teachers Interventionist</p>	<ul style="list-style-type: none"> <li>• BVSD ELR's</li> <li>• Math Investigations</li> <li>• Scott Foresman</li> <li>• Mary Pittman</li> </ul>	<ul style="list-style-type: none"> <li>• Grade level curriculum maps</li> </ul>

Two year plans: Year 1 – use black font    Year 2 – use blue font