

Action Plan Goal Report Archdiocese of Indianapolis

School: St. Jude Catholic School

Goal: All students will improve in their understanding and application of algebraic functions, measurement, and data analysis, continuing their focus on the problem solving strategies.					
Support Data (from the Improvement Plan) 1. Performance results 2. Data from state and benchmark reports 3. Data from value-added reports	Standardized Assessments (Benchmarks for Progress) 1. Fall 2007 ISTEP+ 2. Fall 2007 and Spring 2008 4 Sight benchmark assessment 3. Star Math Fall 2007 and Spring 2008		Local Assessments (Benchmarks for Progress) 1. Teacher pretests and posttests 2. Textbook pre and post inventories 3. <i>Skills Connection</i> 4. <i>MathStories.com</i> 5. ISTEP+ Coach and Ladders to Success		
Intervention(s): All students will focus on the mathematical terminology and application in algebra, measurement, and data analysis. All students will focus on each of the ten strategies of problem solving, integrating each into all content areas. Students will see, hear, practice, and internalize the problem solving strategies to increase their proficiency in the multi-step method across the curriculum. They will evaluate their scoring rubric of each strategy, reflecting on their strengths and setting goals to improve their performance. MathStories.com is classroom and home practice to improve all math skills in grades K-8.			Research/Best Practice(s) for Intervention(s): 1. NCTM standards document 2. <i>Today's Catholic Teacher</i> on Best Practices of problem solving strategies 3. <i>MathStories.com</i> 4. <i>Differentiated Instruction</i> by Carol Tomlinson 5. <i>The Problem Solver</i> by Creative Publications 6. <i>ISTEP+ Coach and Ladders to Success</i> by Triumph Learning		
Activities to Implement the Intervention(s)	Person(s) Accountable	Timeline Begin End		Resources	Staff Development
1. Listing of activities here: Analyze pretest data from <i>Skills Connection</i> , <i>MathStories.com</i> , and teacher-made tests, and pre inventory tests before each new concept in the textbook. Focus on mathematical terminology Focus on understand and application in algebra, measurement, and data analysis Focus on using problem solving in all content areas, modeling multi-step method across the curriculum Model and demonstrate KWL, Frayer Method, teacher made graphic organizers, and math pentathlon games Implement differentiated instruction across curriculum	Teachers Teachers Teachers Teachers Teachers Teachers	Fall 2008 Fall 2008 Fall 2008 Fall 2008 Fall 2008 Fall 2008	Spring 2009 Spring 2009 Spring 2009 Spring 2009 Spring 2009 Spring 2009	Teacher tests, text pre inventory tests, <i>MathStories.com</i> and <i>Skills Connection</i> Textbook –related problems in all curriculum areas, games, and manipulatives Master, Mentors, and Career teachers, using <i>The Problem Solver</i> activities and strategies Master, Mentors, and Career teachers <i>Differentiated Instruction</i> Midwest Conference 2007	Prior workshops and training Textbook training Cluster Group meetings, teacher demonstrations, modeling, and coaching Cluster Group meetings and Classroom Observations Teacher demonstrations, modeling, and coaching Workshops

Due Annually to Office of Catholic Education by May 30th

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