

Math Action Plan

School: Woodlin Elementary

Date: September 2009

The following actions will be completed in order to achieve results on the below listed SIP goals in math

Math Goals:

- 80% of AA and H students to score proficient ($\geq 75\%$ mastery) on math unit assessments for algebra and number relationships.
- 85% of students in SPED in grades 3, 4, 5 to score prof or adv on reading & math MSA
- AA, H, and FARMS in grades 3, 4, 5 will increase 5% points in at the proficient/advanced level on math 2010 MSA
- Increase of 5% AA and H students scoring at the advanced level in grades 3, 4, 5 on math 2010 MSA

Action steps/objectives/ processes Timeline	Person(s) Responsible	Resources Needed	Monitoring tools or data points (formative & summative)	Monitoring: Date and by whom	Results (include evaluation of processes for effectiveness and efficiency)
Data Analysis & Planning <ul style="list-style-type: none"> <input type="checkbox"/> Vertical math team planning 2 weeks before each unit <input type="checkbox"/> Look at formative assessments [quizzes] <input type="checkbox"/> Vertical math teams looking at the results for students on math tests after the test <input type="checkbox"/> Administration feedback via email after each math unit assessment with teacher reflection 	SDT Teachers Teachers Principal Asst. Princ.	Instructional Guides Formative Assessments Unit Assessments Email	Meeting notes and capture sheets “ “ Emails	Five (5) or six (6) times per year (based on the grade level and number of units)	
Instructional Tools <ul style="list-style-type: none"> <input type="checkbox"/> Review previous as well as current grade level concepts and use STAR Voyager concepts to make sure that students who are in accelerated courses have an opportunity to review on level concepts necessary 	Teachers	STAR Voyager POD's Simulation	Grade level strategic monitoring	Quarterly	

<p>Instructional Tools (cont.)</p> <ul style="list-style-type: none"> <input type="checkbox"/> MSA Simulation testing and analysis <input type="checkbox"/> Math zones/centers in all grade level classrooms 	<p>Asst. Prin SDT Teachers</p>	<p>booklets & capture Sheets Informal/formal observation notes</p>		<p>Fall, Winter, Spring Monthly</p>	
<p>Extending learning opportunities</p> <ul style="list-style-type: none"> <input type="checkbox"/> After school programs in Math (6-8 week sessions) <input type="checkbox"/> Grade level summer math packets <input type="checkbox"/> Fastt Math <input type="checkbox"/> Lunch Bunches <input type="checkbox"/> Math Month Celebration & Activities <input type="checkbox"/> Math facts displayed on stairways 	<p>Teachers Paraeducator SDT</p> <p>Teachers Teachers</p> <p>SDT Teachers</p>	<p>Strategic monitoring tool Math packets, copy plus Computers, program</p> <p>Curriculum resources</p>	<p>Grade level strategic monitoring tool</p>	<p>Fall, Winter, Spring Teacher Club Sponsor</p>	
<p>Staff development trainings on:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Versatiles <input type="checkbox"/> Math Discourse <input type="checkbox"/> Touch Math <input type="checkbox"/> Base ten blocks <input type="checkbox"/> Math Forum 	<p>SDT Principal Asst. Principal Teachers</p>	<p>Versatiles Research Articles Touch Math tools Online registration</p>	<p>Capture sheets from training</p> <p>Walkthrough and observation notes</p>	<p>Fall, Winter, Spring</p>	
<p>Professional Development Supports</p> <ul style="list-style-type: none"> <input type="checkbox"/> Staff coaching <input type="checkbox"/> Peer visits 	<p>SDT Principal Asst. Principal</p>	<p>List of things to look for in classrooms</p>	<p>Informal notes and dialogue with teachers about lessons</p>	<p>Monthly-coaching 3x year/peer visits</p>	