

Wake County Public School System -School Improvement Planning Summary of Goals, Key Processes and Action Steps 2005-2008 (Created 2007-2008)	
Board Goal: <i>By 2008, 95% of students in grades 3 through 12 will be at or above grade level as measured by NC EOG or EOC tests, and all student groups will demonstrate high growth.</i>	
SCHOOL: Root ES	LEA: Wake County (920)
SCHOOL GOAL: MATH: Aldert Root Leadership Magnet School is committed to preparing all students to lead through academic excellence in math. 95% of students in grades K-5 will score at or above grade level with all student groups demonstrating high growth and achieving AYP.	GOAL MANAGER: 1st Grade Teacher (Martha Moore) and 5th Grade Teacher (Shelley Thacker)

Key Processes & Action Steps: (3 Key Processes)

1	Key Process: Increase students' ability to think mathematically through integrating math across the curriculum
	Process Manager: 3rd Grade Teacher --Nancy Hunsucker
	Completion Date: 5/08
	Resources: Testing data Math Curriculum Standard Course of Study Science Materials Parents Community Learning log Writing Curriculum Staff expertise Math curriculum materials Community Student data sheet listing parent occupation CurricuAccess to any conversions that the State and/or WCPSS permit The ability to utilize DPI flexibility in financial transferslum and Instruction
	Restrainers: Time Knowledge of integration strategies Logistics of utilizing log Varying level of staff expertise Scheduling Coordination Location
	Process Checks: Data Notebooks, Teacher Survey, Curriculum planning tools
Action Steps:	
1	Action Step: Students use learning log to document learning in mathematics. Completion Date: 10/06 Process Check: Learning logs
2	Action Step: Expose student to "math in the real world" using representatives from various professions Completion Date: 5/08 Process Check: Schedule of presenters Science Day
3	Action Step: Provide targeted staff development to increase students' ability to think mathematically Completion Date: 8/07

Process Check: Agenda and roster

2	Key Process:	Provide differentiated instruction
	Process Manager:	Kindergarten Teacher--Amy Lawrence
	Completion Date:	5/08
	Resources:	Data Math Curriculum Science Materials Parents Community Learning log SCOS Writing Curriculum Math curriculum materials Student data sheet listing parent occupation Curriculum and Instruction Staff expertise Professional Library Trailblazers DPP's Study Island software Technology Resource Teacher Staff development opportunities KIT Curriculum E-Marc Staff to train parents Access to any conversions that the State and/or WCPSS permit The ability to utilize DPI flexibility in financial transfers
	Restrainers:	Time Varying levels of staff expertise Space Class size Amount of copying Cost Staff buy-in Scheduling Knowledge of data analysis Access to program for those without home computer Limited number of KITS Parents Planning time Evaluation time
	Process Checks:	Report card comments

Action Steps:

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| 1 | <p>Action Step: Use Trailblazers Daily Practice and Problems (DPP's)</p> <p>Completion Date: 8/05</p> <p>Process Check: DPP's Learning Log</p> |
| 2 | <p>Action Step: Grades 2-5: Support the use of Study Island while investigating other technology programs for math</p> <p>Completion Date: 8/07</p> <p>Process Check: End of Year reports</p> |
| 3 | <p>Action Step: Allow opportunities for flexible grouping involving parent volunteers. Staff will focus on targeted instruction for identified students in AYP subgroups.</p> <p>Completion Date: 5/08</p> <p>Process Check: Volunteer list Schedule Plan MAGNET Time Schedule</p> |

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3	Process:	Use data to drive instruction
	Process Manager:	Technology Specialist--Brad Peterson
	Completion Date:	5/08
	Resources:	Rubrics Profile cards QuickPlace Commitment to schedule Early release days Data Notebook Student Ownership Technology Resource Teache Software Computers Access to any conversions that the State and/or WCPSS permit The ability to utilize DPI flexibility in financial transfers
	Restrainers:	Time Varying levels of expertise Staff support Staff buy-in Frequency of use of data notebooks Scheduling Varying age of computers
	Process Checks:	Assessment and test data

Action Steps:

1 **Action Step:** All staff members participate in extended time for strategic planning within and across grade levels
Completion Date: 5/07
Process Check: Professional Learning Community (PLC) defined products.

2 **Action Step:** Use data notebook to track individual student progress
Completion Date: 9/07
Process Check: Data notebooks

3 **Action Step:** Train appropriate staff on use of Study Island benchmarks as an assessment tool
Completion Date: 9/07
Process Check: Sign-in roster

Grade level PLC groups will review data, discuss, and implement

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Action Step: strategies focused on groups not meeting AYP in Math. Each grade level will provide a list of strategies implemented.
Completion Date: 5/08
Process Check: Strategy lists