

Snow Hill Elementary School - Project Charter

PROJECT NAME: Math Project	START DATE: July 24, 2018	CURRENT DATE: October 28, 2018
PROJECT LEADER(S): Connie West		
TEAM MEMBERS: Connie West, Dawn Davis, Bridgette Bledsoe, Amy Nock, Dalton Duncan, Connie Bowen		

OPPORTUNITY STATEMENT (PROJECT DEFINITION – what is the project about?)

SHES students continue to strive for high levels of achievement. PARCC data shows 48% of students scored at level 4 or 5. Origo 2.0 will continue to be implemented with fidelity in order to provide students with rigorous math achievement. Number/Math talks, Menu Math, and High Leverage Concepts will continue to assess students for mastery of skill. High Leverage Concepts, formative and summative assessments, in addition to the OGAP item bank, will be used to help teachers plan for individual and small group instruction. High Leverage Concepts will be compared to IReady data to show the correlation with PARCC. Our instructional math coach will continue to support and work with teachers during established coaching cycles and bi-weekly PLC meetings to meet the needs of all students. The ultimate goal is to provide significant learning experiences to engage all students in conceptual understanding of math skills and practices. While students will experience rigor, fluency and coherence, teachers will maintain fidelity through all aspects of our math program.

PROBLEM STATEMENT, OBJECTIVES & SCOPE

(What is the existing problem?, What is the goal of the project?, What does the project aim to accomplish?, What is the scope of the project with regards to those involved and timeframe?)

Previous scores from PARCC have shown less than half of SHES students reaching a level 4 or 5. Fluency, among our students, has shown a decline. The goal of the project is to provide teachers with rigorous and engaging resources to increase student's conceptual skills with fluency. The Instructional Math Coach and team members will help implement programs to guide students to high levels of learning through active participation in daily Number Talks, Menu Math, Dreambox, and continued fidelity with Origo 2.0. Additionally, High Leverage Concepts will be fully implemented and assessed for 100% mastery in grades Kindergarten through Third Grade. The project will span the 2018-2019 school year.

ASSUMPTIONS (What can we assume, know about related to the problem?)

CONSTRAINTS (What will cause difficulties for the project to be successful?)

Our data shows that students have shown a decline in fluency. Students are not recalling math facts readily and are using inefficient methods to determine a solution. Using our math initiatives with fidelity, teachers are encouraged to develop very structured lessons that allow all students to be instructed in a whole group setting. Teachers are encouraged to provide specific instruction, or small group instruction, during Menu. Teachers should focus and implement instruction based on standard based activities that include a Learning Target, Essential Question and Standards for Mathematical Practices (SMPs).

KEY PERFORMANCE INDICATORS District Indicators SHES Indicators	OCTOBER	JANUARY	MAY
KPI – KPI 1.1 - Percentage of students demonstrating kindergarten readiness as measured by the Kindergarten Readiness Assessment (KRA) KPI 1.3 – Percentage of Grade 3 students demonstrating on grade level mathematics as measured by a score of level four or five on PARCC KPI 1.8 – Increase teacher capacity to deliver personalized instruction through the use of a learning management system	2017 - KRA – 31.5% 2018 - PARCC - 48%	Enter CS Target Here	Enter FS Target Here
SHES Indicator (s) - The percentage of students meeting their growth goal on IReady will mirror the percentage of students at level 4 or 5 on PARCC Growth Goals: First ~ 22 points Second ~ 20 points Third ~ 20 points	Enter Baseline Here	Enter CS Target Here	Enter FS Target Here
High Leverage Concepts 100% of students in grades Kindergarten thru third grade will show mastery by scoring 100% on HLCs by the end of the year.	KINDERGARTEN ~ FIRST GRADE ~ SECOND GRADE ~ THIRD GRADE ~	KINDERGARTEN ~ FIRST GRADE ~ SECOND GRADE ~ THIRD GRADE ~	KINDERGARTEN ~ FIRST GRADE ~ SECOND GRADE ~ THIRD GRADE ~
IREADY SCORES	FIRST GRADE ~ 56 Tier 1 – (8) 14% Tier 2 – (40) 71% Tier 3 – (8) 14% SECOND GRADE ~ 84 Tier 1 – (17) 20% Tier 2 – (52) 62% Tier 3 – (15)18% THIRD GRADE ~ 82 Tier 1 – (16) 20% Tier 2 – (36) 44% Tier 3 – (30) 37%	FIRST GRADE ~ Tier 1 – () Tier 2 – () Tier 3 – () SECOND GRADE ~ Tier 1 – () Tier 2 – () Tier 3 – () THIRD GRADE ~ Tier 1 – () Tier 2 – () Tier 3 – ()	FIRST GRADE ~ Tier 1 – () Tier 2 – () Tier 3 – () SECOND GRADE ~ Tier 1 – () Tier 2 – () Tier 3 – () THIRD GRADE ~ Tier 1 – () Tier 2 – () Tier 3 – ()

FUTURE STATE

All students will exit on grade level.

ACTION PLAN (HIGH LEVEL)	WHO	DUE DATE	COMPLETION
Continue High Leverage Concepts in all K-3 classrooms. Students will complete the assessment in October, January and May. The purpose of the assessment is to determine mastery of skills at each grade level by the end of the year.	Connie West Classroom Teachers	October 2018 January 2019 May 2019	100%
Bi-weekly PLC meetings will occur for all grade levels to sort formative assessments, analyze classroom data and plan for differentiated needs of students and small group instruction. The OGAP cycle and Item Bank will be utilized.	Connie West Classroom Teachers	October 2018	100%
Continue to implement Origo 2.0 with fidelity in all Pre-K – 3 classrooms.	Connie West Classroom Teachers	October 2018	100%
Students in grades 1-3 will utilize Dreambox two times per week.	Shirley Adams Classroom Teachers	October 2018	100%
Students in Kindergarten will utilize Dreambox one time per week.	Shirley Adams Classroom Teachers	November 2018	100%
During American Education/ Math Week, grade levels K-3 will develop an age-appropriate math lesson that demonstrates MCCSS and SMPs in action to parents and family members. Materials are supplied by Title I funding.	Connie West All Classroom Teachers	November 2018	100%
All Faculty will participate with a PARCC practice test for teachers to become familiar with components and rigor of the test. Teachers will have the opportunity to take a practice test online and reflect on their progress. The goal of the PD is to have teachers at all grade levels to understand the expectations of the PARCC assessment and to refine their instruction accordingly.	All Classroom Teachers	March 2019	100%
Math/Number Talks will continue in all classrooms K-3. Math/Number talks will continue to allow students to participate in math discourse while helping to increase fluency.	K-3 Classroom Teachers	October 2018	100%
Read It Draw It Solve It activities will be used in grades 2 and 3. These activities will allow students to use math knowledge and skills to read, represent and explain (with a written description) their solutions to the given story problems.	Connie West and 2 nd . and 3 rd . Classroom Teachers	September 2018	100%
Read It Draw It Solve It activities will begin in grade 1 in January.	Connie West and 1 st . Classroom Teachers	January 2019	100%
PARCC like homework will be given to all 2 nd . and 3 rd . graders each Monday. Students will have the opportunity to engage in PARCC like	Connie West 2 nd . and 3 rd . Classroom	September 2019	100%

problems that provide rigor. This homework will be due each Friday.	Teachers		
Math Learning Walks will occur monthly for grades Pre-K through Third. Walks will include building administrators and math supervisor. Expectations have been set to include visibility of standards, learning targets, success criteria and standards for mathematical practices.	Building Administration Math Supervisor	September 2018	100%

IMMEDIATE NEXT STEPS

Administration of HLCs
Math Learning Walks