## SCHOOL IMPROVEMENT PLAN
## John S. Battle High
## 2017-2018

A.     Two school-wide instructional goals indicated by Data.

OBJECTIVE 1: John S. Battle High School will implement strategies to improve students learning and mathematics ability in Geometry. In particular we will increase the mean scaled score for each reporting category from its current level provided from 2016-2017 testing data.

Strategies
- The math department will meet at the beginning of the school year to compare class rosters and ensure students are enrolled in the correct math courses. Any errors in student placement will be sent to guidance in effort to correct student schedules.
- Data from Interactive Achievement will be used to identify students who demonstrate an overall weakness in math. A list of these students will be compiled and a plan will be implemented for each student to target weak areas. Remediation for these students will begin the first nine-weeks.
- Interactive Achievement will be used for tests and quizzes to determine which data strands are weakest as well as individual student weaknesses. This data will be used to guide instruction.
- CIP will be evaluated by the math department to determine which modules will be used to enhance instruction with the use of provided lesson plans and materials available on the website.
- Lead mathematics teachers will visit neighboring counties to observe best practices for their content area. They will then collaborate and share what they have learned with the department.
- Unit tests and quizzes given via Interactive Achievement as well as formative assessments throughout the nine-weeks.
- Teachers will utilize resources provided by the state including PowerPoints, test data, technology enhanced items, released practice questions, any applicable released test, curriculum framework, and testing blueprint, along with the County pacing guide to insure all standards are included in instruction.
- Tutoring will be provided before and after school by classroom teachers to any student needing extra help. Tutoring is offered every day. The project graduation tutoring will be provided during school approximately two class periods per week for those students who have been recognized as needing extra help to master mathematics state standards needed to meet graduation requirements.
- Teachers will use data provided to them concerning their specific standards of learning tests, identify areas of weakness, and evaluate their teaching methods and strategies previously used and make improvements.

Indicators
- Math department meeting minutes, written request for student schedule changes

- A list of at-risk students with each a copy of each individual's plan to be reviewed monthly at department meetings to monitor progress
- Data collected from Interactive Achievement and lesson plans aligned with the data
- Lesson plans indicate which standards are being addressed

OBJECTIVE 2: John S. Battle High School teachers will conduct best teaching practices to increase the number of students scoring pass-advanced on the end-of-course SOL assessments.

Strategies
- Teachers at John S. Battle High School will attend professional development focusing on higher level thinking
- County and region collaboration of teaching strategies as well as formative and summative assessments
- Use of the county wide lesson plan template to assure that lessons are aligned with the appropriate level of Bloom's
- Differentiation within classrooms for students with different learning styles will be practiced.

Indicators
- Number of SOL pass-advanced
- Percent increase of pass-advanced scores

B.  Professional Development goal to support instructional goals.

OBJECTIVE: John S. Battle High School will provide professional development within each department with a focus on effective instruction and analysis of data for promoting student success.

Strategies
- Provide opportunities to share best practices within each department as well as school-wide
- Allow for peer-observations within the county and region
- Provide staff development for analyzing SOL data
- Staff development focusing on formative and summative assessments as tools for driving instruction

Indicators
- SOL results
- Formative and summative assessment results
- Teacher documentation log of professional development