**HORRY COUNTY SCHOOLS**
**MONITORING REPORT – R-2 Numeracy**

I certify that the information in this report is true.

Signed: Rick Maxey Date: 1/9/19
Rick Maxey, Superintendent

Disposition of the Board:
_____ In compliance
_____ Not in compliance
_____ Compliance with exception

Signed: _____ Date:
Ken Richardson, Interim Board Chair

Comments: _____
_____
_____
_____

| R-2 – Math | Supt | Supt | Board | Board |
|---|---|---|---|---|
| | In compliance | Not in compliance | In compliance | Not in compliance |
| Each student will achieve mastery of performance standards or state competencies in Math. | ✔ | | | |

**Interpretation:** I interpret this policy to mean that Horry County Schools will implement a course of study that is aligned with the South Carolina College-and Career-Ready Standards for Mathematics for K-12 mathematics that will prepare students to be proficient in numerical concepts and skills.

I further interpret this to mean that the staff will regularly monitor and evaluate the instructional programs at each school as part of the ongoing efforts to improve student learning in the area of mathematics. Staff will also provide ongoing support through professional development opportunities designed to build capacity by establishing exemplary curriculum and assessments and developing content knowledge of mathematical principles.

## Indicators of Evidence and Compliance:

**We are in full compliance of this policy. Evidence is listed below:**

**Curriculum and Instruction**

- Horry County Schools curricula and course offerings are aligned with the South Carolina College- and Career-Ready Standards for Mathematics.

- HCS has implemented curriculum maps and pacing guides to ensure effective teaching and opportunities for application of the South Carolina College- and Career-Ready Standards for Mathematics.
- Professional development and coaching are offered extensively at all levels for implementation of mathematics programs and standards.
- Instructional materials adoption processes comply with state requirements.
- HCS mathematics curricular resources and assessments are available online for teacher use.
- Child development uses *Big Day in Pre-K* as the math curriculum.
- *Everyday Mathematics* is the current adopted text for elementary schools.
- *Everyday Mathematics* offers online instructional activities that can be used to differentiate instruction in elementary mathematics.
- *Mentoring Mathematical Minds* ($M^3$), along with compacted *Everyday Mathematics*, is currently being implemented as the mathematics curriculum for gifted and talented elementary students.
- Online advanced mathematics enrichment modules are available for identified students in grades 5 – 8 during the spring semester.
- The District implements an instructional model in grades K-12 to support personalized learning that differentiates mathematics instruction to meet individual student needs.
- Emphasis is placed on fluency and accuracy of basic math facts in elementary school.
- Mathematics curriculum for honors and accelerated courses at the middle school level is based on research from the field of gifted education. Content may be accelerated by one or more grade levels.
- HCS offers STEM (Science, Technology, Engineering, and Mathematics) opportunities for high school students who demonstrate an aptitude and interest in one of these areas.
- Digital content has been implemented in grades K – 12 to address individual student weaknesses and target prerequisite skills for learning.
- Online mathematics courses, including Advanced Placement and other higher-level courses, are available through HCS Virtual.

**Interventions**

- District protocols for screening students for interventions are utilized.
- *Connecting Math Concepts* is implemented in elementary schools.
- Research-based interventions, including *Transmath* and *VMath,* are currently implemented in middle schools.
- *Algebra Ready* is implemented at the high school level.

**Assessment**

- Teachers and administrators continue to design common assessments and performance tasks to evaluate mastery of standards and to plan enrichment or remediation.
- District-developed math fact assessments and kindergarten math benchmark assessments are implemented to progress monitor.

- Online assessments are available through *Everyday Math* and are aligned to the South Carolina College- and Career-Ready Standards for Mathematics for grades K-5.
- Digital curricula that allow students to complete diagnostic tests by grade/course level and by standard are used K - 12. Teachers have the ability to create assessments using this program.
- Benchmark assessment results for Algebra I, Foundations in Algebra, and Intermediate Algebra are used in the high school courses to plan instruction.
- Online resources are available to assist students with PSAT, AP, ACT, SAT, and Ready to Work (R2W) preparation.

**Other Strategies**

- Teachers serve on various state committees that include, but are not limited to, standards development, curriculum development, assessment development, and textbook adoption.
- Students compete in local and state mathematics competitions.
- Guidelines developed by a committee of teachers, principals, and district staff are used for implementation of mathematics digital content.