HORRY COUNTY SCHOOLS
MONITORING REPORT – R-5 Technology Applications

I certify that the information in this report is true.

Signed: _____ Date: March 6, 2017
Rick Maxey, Superintendent

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

Signed: _____ Date: March 20, 2017
Joe DeFeo, Board Chair

Comments: _____
_____
_____
_____

R-5 – Technology Applications	Supt	Supt	Board	Board
	In compliance	Not in compliance	In compliance	Not in compliance
Each student will achieve mastery of performance standards in Social Studies.	✔			

Interpretation: I interpret this policy to mean that Horry County Schools will implement standards for technology that are aligned with those from the International Society for Technology in Education (ISTE). I further interpret this to mean that the staff will regularly monitor and evaluate technology application district-wide as part of the ongoing efforts to improve student learning. District staff will also provide ongoing support through professional development opportunities designed to build capacity for technology leadership among teachers and administrators.

Indicators of Evidence and Compliance:

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

- Personalized Digital Learning
  - Curricular documents and resources are aligned with the latest ISTE standards for students.
  - Personalized Digital Learning (PDL): The first phase of PDL 1:1 began in 2013-14 with distribution of devices to all students in grades 6-8. In 2014-15 devices were provided to all students in grades 9-12. The initiative expanded to grade 5 in 2015-16, and a shared model for grades 3 and 4 in the 2016-17 school year.
  - District digital integration specialists provide job-embedded professional development in schools to support personalized digital learning.
  - Tech Innovator of the Month program recognizes teachers in the area of technology integration.
  - Expanded professional development opportunities are designed to promote the intentional use of specific online digital resources.
  - District digital integration specialists identify tech-savvy educators throughout the district (Ed Tech Task Force) who explore new advances in educational technology and share their knowledge with others through district-approved professional development. The Ed Tech Task Force is an extension of the district's digital integration team and is used to model and promote blended learning, facilitate and inspire student learning and creativity, design and develop digital-age learning experiences and assessments, and help to promote and model digital citizenship and responsibility.

- Technology/Digital Resources
  - Online collaboration opportunities are provided for students as well as administration and staff.
  - Students are provided email in grades 3-12; it is available for others by request.
  - Fourth- through twelfth-grade students are using *Assessment and Learning in Knowledge Spaces (ALEKS)* to support math instruction.
  - Third- through twelfth-grade students are using *Achieve 3000*, an adaptive, interactive web-based program designed to accelerate reading growth.
  - Students are provided electronic textbooks and accompanying electronic resources, as available.
  - An interactive geometry software program is available to all students for exploring geometry, algebra, calculus, and other areas of mathematics.
  - Students use interactive web sites and software for virtual labs for science and math.
  - The HCS HippoCampus web site which houses open educational resources (OER) is provided for homework and study help.
  - Graphing calculators are provided for middle and high school math classes.
  - Students in grades 9-12 are using specialized software to connect science sensor/probes to their personalized learning device.
  - Digital math tools are available for grades 4-12 through interactive whiteboard features.
  - Google Apps for Education are utilized districtwide.
  - Web conferencing tools are used for connecting HCS classrooms with classrooms around the world.
  - District- and school-level communication is enhanced through the use of social media outlets.
  - Expanded cloud storage options are available for staff and students.

- Online curriculum is provided through HCS Virtual for credit recovery coursework, content recovery, and enrichment.
- Hour of Code is promoted to ensure students are provided coding opportunities beginning at an early age.
- Learning management and student information systems are being used to support student learning through HCS Virtual.

- Career and Technical Education Initiatives include the following areas:
  - CISCO licensing
  - SAS programming
  - Animations and Gaming
  - Project Lead the Way (engineering)
  - Robotics
  - Adobe licensing CS6 and K-12
  - Microsoft IT certification
  - CADD Design
  - Autodesk Design Academy
  - Health Center 21
  - Expanded online learning opportunities through HCS Virtual for middle and high school students to earn high school credit
  - Middle school courses in Digital Literacy and Google Basics

- Assessment and Data Collection Technology
  - Digital devices are utilized for data collection and curriculum verification on instructional strategies during classroom walkthroughs.
  - All child development, kindergarten, first-, and second-grade teachers receive digital devices to assess student reading progress throughout the year on Dynamic Indicators of Basic Literacy Skills (DIBELS), Phonological Awareness Literacy Screening (PALS), and Center for Improving the Readiness for Learning and Education (CIRCLE).
  - Measures of Academic Progress (MAP) adaptive assessment is administered for progress monitoring reading, math, and language.

- The Personalized Digital Learning (PDL) device refresh for middle schools is scheduled for the 2017-18 school year. The district's PDL Steering Committee began a review/analysis of devices in Spring 2016 with a survey of middle school students, middle school teachers, and a focus group team of more than 50 representatives. The review of devices continued in Fall 2016 with consultation and/or visits with other districts in the Southeast who had middle school 1:1 devices. A team of 75 stakeholders met to review and recommend the refresh device. The preferred device selected by each of the four groups (students, teachers, coaches, and principals) was the Dell Chromebook. Plans are underway to provide the Dell Chromebook 11 with touchscreen to students in grades 6-8 beginning in August 2017.

- Teacher Laptop Initiative
  - The Teacher Laptop Initiative continues to provide all teachers a laptop computer. The transition to mount short-throw projectors in classrooms as the refresh cycle occurs is ongoing.

- The annual Horry County Schools Technology Fair had a record year with the largest number of entries in its history.

- Professional Learning Opportunities and Teacher Recognition
  - Social media is used to support a district-wide professional learning community designed to showcase exemplar technology use in classrooms (#HCSPDL #hcsbadges).
  - Classroom learning walks are utilized to encourage sharing of ideas and practices that promote the use of technology.
  - Each month a teacher from each level (elementary, middle, high) is named Tech Innovator of the Month to celebrate his/her work and promote the effective use of technology.
  - An incentive program based on ISTE standards allows teachers to earn badges for their work in promoting and supporting student learning and creative and innovative uses of technology.
  - Job-embedded professional development is ongoing across all schools.