

HORRY COUNTY SCHOOLS
MONITORING REPORT – R-5 Technology Applications

I certify that the information in this report is true.

Signed:  Date: March 5, 2018
Rick Maxey, Superintendent

Disposition of the Board:

☐ In compliance
☐ Not in compliance
☐ Compliance with exception

Signed: _____ Date: _____
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 Technology Applications.	✓			

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. Ongoing professional development and resources are being provided to support this initiative.
 - District digital integration specialists and content area learning 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 the effective use of technology, facilitate and inspire student learning and creativity, design and develop digital-age learning experiences and assessments, and help promote and model digital citizenship and responsibility. This initiative is building teacher leaders in every school.

- 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.
 - Kindergarten through twelfth-grade students are using supplemental digital curriculum to support math instruction.
 - Kindergarten through twelfth-grade students are using 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 websites and software for virtual labs for science and math.
 - Open Educational Resources (OER) are used to support instruction in all content areas.
 - 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.

- Content-area learning specialists coordinate the work of teacher teams to update curriculum documents annually. The focus of this work for the last two years has been on incorporating digital tools and activities to promote creativity and innovation, critical thinking and problem solving, and collaboration and teamwork (Profile of SC Graduate).
- 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 Initiative
 - Animations and Gaming
 - Project Lead the Way (Engineering, Biomedical Science, Computer Science)
 - First Robotics Challenge
 - Adobe Licensing CS6 and K-12
 - Project Lead the Way (PLTW) – Gateway programs are in place at Whittemore Park Middle and Conway Middle.
 - Project Lead the Way (PLTW) Computer Science – The program is being expanded to Conway High and Carolina Forest High for 2018-19.
 - 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), and Phonological Awareness Literacy Screening (PALS).
 - Measures of Academic Progress (MAP) adaptive assessment is administered for progress monitoring reading, math, and language.
- Device Selection
 - The device selection process is underway for the high school refresh cycle scheduled for 2018 – 19.
- 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.

- Technology Fair
 - 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. (#hcsbadges)
 - Job-embedded professional development is ongoing across all schools.