

HORRY COUNTY SCHOOLS
MONITORING REPORT – R-5 Technology Applications

I certify that the information in this report is true.

Signed: *Rick Maxey* Date: 3/6/2020
Rick Maxey, Superintendent

Disposition of the Board:

☐ In compliance
☐ Not in compliance
☐ Compliance with exception

Signed: _____ Date: _____
Ken Richardson, 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:

- Curricular documents and resources are aligned with the latest International Society for Technology in Education standards for students.

- Ongoing professional development and resources are being provided to support the district's 1:1 and personalized-learning initiative.
- The device refresh cycle supports the refresh of devices every four years.
- District digital integration specialists and content-area learning specialists provide job-embedded professional development in schools to support personalized digital learning.
- The Tech Innovator of the Month program recognizes teachers in the area of technology integration to help promote technology leadership among teachers.
- 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.
- District digital integration specialists launched the HCS Coding Academy in summer 2018 and continue to promote and support coding and STEM education as outlined in the SC Computer Science and Digital Literacy Standards.
- Online collaboration opportunities are provided for students, as well as administration and staff.
- Kindergarten through twelfth-grade students are using supplemental digital curriculum and tools to support instruction in all content areas: *Khan Academy*, *ALEKS*, *Achieve 3000*, *Discovery Education Science Techbook*, *Discovery Education Experience*, *Common Lit*.
- Students are provided electronic textbooks and accompanying electronic resources, as available.
- GeoGebra, 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.
- Graphing calculators are provided for middle and high school math classes.
- Students in grades 9-12 are using specialized software to connect science sensors/probes to their personalized-learning device.
- Digital math tools are available for grades 4-12 through interactive whiteboard features.
- Web conferencing tools are used for connecting HCS classrooms with classrooms around the world.
- Ed Tech Task Force members were added to teacher curriculum teams in summer 2019. They led work to embed exemplar problem-based performance tasks into district curriculum documents.
- 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. Initial credit courses are offered through HCS Virtual for high school courses.

- Hour of Code is promoted annually to celebrate the coding of computational thinking skills students are using throughout the year. Hour of Code ensures students are provided coding opportunities beginning at an early age to increase interest in computer science careers.
- Learning management and student information systems are being used to support student learning through HCS Virtual.
- Technology applications are utilized to support Career and Technical Education. Applications include *CADD Design*, *Autodesk Design Academy*, *Adobe Licensing CS6 and K-12*, *Health Center 21*, and *Solid Works*.
- Various extracurricular activities promote technology and critical thinking skills. These activities include First Lego League, Girls Who Code, and First Robotics Challenge.
- All child development, kindergarten, first-grade, 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.
- The laptop initiative continues to provide a laptop computer for instructional staff.
- Horry County Schools Technology Fair is a district-wide event where students compete in a variety of technology categories. The goal of the event is to challenge students to become leaders in a digital age.
- 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.
- 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)
- District digital integration specialists launched a new K-12 professional development model in the summer of 2019 to allow more teacher choice and differentiated sessions on various topics related to the effective use of technology in instruction.