South Central Community School Corporation
Technology & Innovation Action Plan
2023 - 2026

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Executive Summary

Mission Statement

We strive to provide the tools to make teaching exciting for the teachers, learning more engaging for the students, and provide resources to take education beyond the textbook and four walls of the classroom.

Vision for Digital Learning

To use the integration of technology to move our classrooms into a more blended learning environment by focusing on communication, creativity, collaboration, and critical thinking while moving toward engaging and personalized experiences.

Purpose

This 3-year plan provides recommendations to move South Central Community School Corporation forward as an innovative place for learning.

Technology Committee Members

Benjamin Anderson	**Superintendent**
Jarad Miller	**Jr.-Sr. High School Principal**
Nicholas Kimmel	**Elementary Principal**
Derek Budka	**Director of Network Technology**
Debra Kammrath	**Director of Instructional Technology**
Alynn Eggert	**High School Math Teacher**
Curt Masson	**High School Business/Computer Science Teacher**
Kate Rogowski	**High School Virtual Learning Teacher**
Daniel Siford	**High School PLTW Teacher**
McKenzie Salary	**Elementary 4th Grade Teacher**
Jackie Snyder	**Elementary 6th Grade Teacher**

Technology Guiding Principles

Research provides evidence that consistent and sustained integration of technology into an authentic teaching and differentiated learning environment improves student achievement. In support of the integral goals above, we advocate:

- Supporting instructional delivery and student learning by providing consistent and appropriate technology aligned with SCCSC curriculum and Indiana State Standards at every grade level in the corporation.
- Providing enhanced opportunities with technology as the vehicle used for rich multimedia collaboration and communication within and beyond the classroom
- Equipping and maintaining our corporation with connectivity, hardware, software, digital resources, instructional/learning materials, and facilities.
- Promoting equitable access to learning technology and skills instruction for all students
- Modeling good digital citizenship for all students and staff
- Providing staff with technologies, technology training, and/or data analysis to effectively align curriculum, instruction, and assessment.
- Giving students ownership over determining the right technology tool for the right learning target
- Actively exploring and implementing emerging trends in the effective use of technology for their potential to improve student learning with continuous staff development
- Supporting the use of technology in innovative and purposeful ways by technology staff for students, teachers, administrators, and staff.

Technology Support

South Central Community School Corporation will maintain sufficient staff resources to ensure the continuous operation of academic and administrative computing services. The current staff consists of (1) Director of Instructional Technology, (1) Director of Network Technology, (1) Computer Technician, and (1) Technology & Media Center Assistant. Additional support for the department is readily available through a managed service provider.

Safety and Security

Safety and security are a foremost consideration in network services for students and staff. South Central Community School Corporation implements a web filtering system for all network-connected devices to follow guidelines established by The Children's Internet Protection Act (CIPA). South Central also manages and maintains a firewall and an intrusion detection/prevention system to filter questionable traffic. Using protections offered by the Multi-State Information Sharing & Analysis Center (MS-ISAC), potentially harmful domains associated with malware, phishing, and ransomware are blocked at the DNS level to help protect against threats. In addition, antivirus software is installed on all servers and workstations belonging to the corporation. With monitored control on these devices, quality educational resources are available though our networks. For physical security and monitoring, SCCSC transmits and stores video from over 96 dedicated security cameras placed throughout the building.

Technology Program Assessment

South Central Community School Corporation strongly values the use of technology to support student instruction. With our student enrollment just under 1,000 students, we are fortunate to provide each student with their own school-issued Chromebook. These Chromebooks are refreshed on a four-year lease cycle. Our current inventory contains over 1,200 ChromeOS devices, 150 Windows devices, and interactive touch panels in every classroom. 84 wireless access points are also placed throughout the campus ensuring internet connectivity for all devices. The corporation currently has a 2Gb fiber internet connection with a 10Gb fiber backbone.

Our technology program is dynamically changing as new technologies become available. Structures exist within the corporation to support new initiatives that may improve learning. We continue to integrate technology deeper and deeper into all curricula to the point where we no longer isolate technology skills but infuse them within the core curriculum of each discipline. Periodic review of each curriculum occurs through the subject area teachers under the guidance of school administrators. Technology committee members also provide insight and suggestions on new technologies that could be integrated into the classroom environment.

Goals

These goals are intended to guide the implementation of technology across the SCCSC and support the transformational use of technology to expand learning beyond our walls and ensure that our students are fearlessly using technology to find, assess, analyze, and synthesize information to share their learning in novel, purposeful ways that enhance their message.

Academic Technology

Goal 1: Engage and empower learning by utilizing technology to provide learning experiences and environments that are designed to meet the needs of all learners.

Strategies	Measures/Evaluation Strategy
Strengthen STEAM content and pedagogy in all subject areas and across all grade levels	- K-8 Classrooms utilize Create 2 Think curriculum - K-12 utilize Indiana State Computer Science Standards
Use tools that increase student engagement in learning, productivity, creativity, critical thinking, and innovative activities	Teachers and students select appropriate tech tools for the task assigned
Establish authentic and/or global connections that engage students in the learning	Ensure that global connections occur at least two times at the elementary, junior high, and high school
Staff and students will understand issues related to the appropriate and ethical use of technology.	K-12 utilizes Indiana State Computer Science Standards/ Impact and Culture.
Expand Extra-Curricular STEAM opportunities for K-12 students	- Investigate ECA Clubs for K-12 students - Consider Competitions for various grade levels to showcase the makerspace activities - Budget for ECA Clubs

Professional Technology

Goal 2: Provide support to enable teachers to continually leverage technology to improve student learning aligned to the Indiana Computer Science Standards

Strategies	Measures/Evaluation Strategy
All teachers will be trained in Project Based Learning by 2025 to meet the IDOE STEM Strategic Plan Initiative.	- Create 2 Think curriculum training provided for K-6 faculty - Project Based Learning training provided for K-12 faculty - Continue to explore and evaluate PD needs and innovative ways of delivery
Teachers will incorporate technology into the teaching of all content areas to increase student achievement in the Indiana State Standards and Computer Science Standards.	- Develop awareness of the IDOE Computer Science Standards and manners of using them within the Indiana State Standards in all curricular areas. - Design and offer PD for implementing and integrating computer science standards - Continue to explore and evaluate PD needs and innovative ways of delivery
Educators will continually improve their practice by learning from and with others by exploring proven and promising practices that leverage technology to improve student learning.	- Engage in learning opportunities that develop an understanding of the blended model to support their planning of transformative lessons and units. - Provide dedicated time for teachers to learn and collaborate to design effective lessons, discover and share resources and ideas, and solve problems - Design lessons that incorporate technology for all subject areas - Participate in regular PLC, Tech Monday, and professional development to investigate emerging technologies - Encourage staff members to

	participate in webinars, Professional Learning Networks outside of the school and other online opportunities

Infrastructure: Hardware, Software, and Technology Support

Goal 3: Create a technology-infused learning environment that will increase student achievement, expand technology literacy, and create a culture in which we can learn and innovate together

Strategies	Measures/Evaluation Strategy
Expand the current Makerspace for all to utilize.	- Create a schedule for the use of the Makerspace - Complete an inventory of Makerspace equipment - Envision an expansion of the Makerspace
Maintain hardware standards and research new trends to ensure compatibility with the district technology plan.	- Evaluate new hardware and software requests - Maintain established mobile device and classroom equipment with a replacement cycle - Provide adequate and equitable access to technology resources
Bring increased awareness to cybersecurity.	- Educate and implement best practices regarding cybersecurity. - Deploy additional network security appliances to detect/prevent cyberattacks.