Wrightstown Community School District Integrated Technology and Library Media Plan

2023-2028

July 1, 2023

Mr. Andy Space
District Administrator

Mrs. Kris Baeten
Director of Information Technology

Mrs. Katie Haese
District Library Media Specialist

Committee:

Scott Thompson - HS Principal
Bob Caelwaerts - MS Principal
Sarah Nelson - ES Principal
Brad Bichler - ES Tech Integrator
Matthew Winrich - Network Specialist
Scott Hanneman - HS Tech Ed Teacher
Steve Doell - HS Business Ed Teacher
Carla Buboltz - Retired District Administrator

Executive Summary

Going to school no longer means getting up, getting on a bus and arriving for a day to sit in a classroom. It is all changing and no longer will students be confined to classrooms, desks and a routine that is the same from day to day. Students are now given the option of learning from online books and from home. Chromebooks and other means of technology are replacing paper, books, and pencils. Teachers are using Learning Management Software to post assignments, study guides and recordings as well as using them for student communication. We are becoming facilitators of learning rather than deliverers of knowledge.

WCSD has moved to a 1:1 chromebook implementation for grades 1 through 12 and our Kindergarten students are 1:1 with iPads. To enhance classroom teaching and learning, we have installed interactive TVs in all classrooms 4K-12, and all teachers have a chromebook or laptop depending on what they teach. Many teachers are also using phones, document cameras and other digital devices to supplement their teaching style.

The WCSD libraries are also emerging in the digital era. They have changed the setup and the decor, creating a relaxing environment where the students can come in and study in a more "home like" environment. The book collections are kept updated as well as supplemented with audio books, Ebooks in both English and Spanish and many online digital resources.

Instruction, Learning, and Assessment
Students are offered a quality education that will promote connectivity, productivity, and efficiency.

Technology and Hardware
WCSD utilizes technology to improve teaching and learning. With the increase of resources and ever changing technology our goal is to help both students and staff face the difficult challenges and work to be self-directed in their own learning.

Empowering Innovative Leadership
Innovating leadership shows the loyalty in doing what's right for the district and its employees and students. It gives us the opportunity to create new ideas and empowers people to take chances at those opportunities.

Professional Learning and Building Capacity

Wrightstown Community School District will continue to expand the scope of using technology that is relevant in all practices to improve and enhance productive learning.

Data and Privacy

Wrightstown Community School District will continue to provide reliable data privacy and security policies, procedures and practices are engaged at the district, school, classroom, and student levels.

The intent of this plan is to offer Wrightstown Community School District a guide for their technological journey. Focus points such as educator efficiency, professional development and program leadership helps program improvement. It helps pave the way for students to be better prepared with the skills to compete on a national and global level.

Respectfully submitted,
Director of IT

Kris Baeten

VISION
"excellence in student achievement"

MISSION
"quality education for every student"

BELIEFS
Student learning is the district's highest priority.

- Student learning is composed of:
  intellectual development
  human and social development
  career development

- All students can learn, can demonstrate what they have learned, and their learning is measurable.

- Students learn best when there is a continuous challenge to achieve at higher levels and when instruction is differentiated to accommodate student learning needs.

- Student learning is enhanced when there is an environment that fosters a joy of learning, positive student relations, honesty, trust, responsibility and respect.

- As we interact in an ever-changing globally diverse environment, students must demonstrate consideration and understanding for the diversity of thoughts, beliefs, and people.

- Family, students, staff and community all share the responsibility of providing a productive, safe and compassionate learning environment.

- Ongoing professional development ensures a highly qualified staff, which is necessary for student success.

- Annual District goal setting is important to ensure focus on continuous district improvement and that decision-making will be based on the use of data.

Wrightstown Vision for Educational Technology

Our district will continue to acquire new and exciting technology to meet the needs of all our students and to strengthen student instruction and outcomes. WCSD will strive to use the most up-to-date technology tools in order to design a learning environment that will accommodate a diverse learning community. We will gauge and monitor students' levels of achievement, using that information to make decisions about programs and support for student learning. We will encourage collaboration between and among students, teachers, administrators and parents in our community.

Teachers will be confident and knowledgeable in a range of technology tools that can assist them in the classroom to make effective choices in designing learning experiences. Through a creative and collaborative environment teachers will use technology to promote options that match learning experiences to the individual learner. They will act as mentors to students and colleagues to other teachers. Collaboration will be practiced and supported by technology and other instructional matters for personal/professional growth and curricular expansion. Staff development opportunities will be provided to help add the tools and technologies needed to add value to their professional work.

As life-long learners, students will develop literacy skills that require them to identify reliable and credible sources, use those sources to develop their own distinctive voices and demonstrate responsibility for the ethical use of technology. Students will be able to distinguish and demonstrate the appropriate technology applications and engage in that technology to promote global learning.

We supply all students and staff with a device to work on as well as a wireless hotspot if they don't have internet access or poor service at home.

We have ensured that our bandwidth requirements are met for the number of devices that are on our network and the usage that is utilized each day.

We have also prepared a cybersecurity plan. We do employee training and management as well as implementing regular testing and monitoring of systems and procedures.

Planning and Goal Setting

Technology Planning Process

Effective planning for the proper implementation of educational technology across the district is a major goal for the District Technology Team. The exchange of information obtained through conference attendance, reports prepared on educational issues and the technological skills needed for our students to be successful in the workplace, are all key components that fit into the planning process. For the District Team, all efforts are and must remain focused on the improved learning and achievement of our students.

Goal Setting

Gear 1 - Instruction, Learning, and Assessment
Gear 1 is comprised of the following Future Ready elements:

- 21st Century Skills/Deeper Learning
- Personalized Learning
- Collaborative, Relevant, and Applied Learning
- Leveraging Technology
- Assessment—Analytics Inform Instruction

Goal 1.1

Teachers are able to leverage technology and diverse learning resources to personalize the learning experience for each student.

Recommendation
Teachers will devote at least 1 hour to development of educational technology tools and processes for personalizing student learning.

Priority Activities

Teacher focus

- Assist teachers in preparing personalized learning plans that include organizational tools, professional development, examples of practice aimed at multiple levels and content areas, and an evaluation of the effectiveness of the digital tools and resources used.
- Assist in creating instructional support structures aligned to the goals of [ESSA](#) (Every Student Succeeds Act) to ensure all students are college and career ready.
- Educators will actively use data to guide choices related to curriculum, content, and instructional strategies.
- Provide training opportunities for district staff to understand the leadership, behaviors, and strategies needed to move traditional classroom experiences to a blended environment using tools and resources consistent with today's needs and expectations.
- District will provide universal access to high-quality digital tools, learning objects, and curriculum.

Student focus

- All students are able to leverage tools to meet their personal learning goals and outcomes.
- District will provide universal access to high-quality digital tools, learning objects, and curriculum.
- Students will have the opportunity to view their own assessment/learning data to make decisions regarding their personalized learning plan.

Gear 2 - Technology & Hardware

Gear 2 is comprised of the following Future Ready elements:

- Adequacy of Devices; Quality and Availability
- Robust Network Infrastructure
- Adequate and Responsive Support
- Formal Cycle for Review and Replacement

GOAL 2.1

District leaders prepare comprehensive plans that document software adoption policies; publish current software inventories; define upgrade and replacement schedules; identify annual budgets; discontinuation policy.

Recommendation
Assist teachers and principals with changes to software and technology subscriptions.

PRIORITY ACTIVITIES
- Gather data monitoring usage of current software and technology subscriptions.
- Inventory software & programs available at each building level.
- Provide training for new and underutilized software.
- Develop software adoption/retirement document.
- Develop and utilize technology teams to help make technology recommendations.

GOAL 2.2

All school campuses are able to address the need for school, community, and home access to ensure equity of digital resources to all students.

Recommendation
Provide broadband access for all homes in need which PreK-12 students reside.

PRIORITY ACTIVITIES
- Provide parents/guardians with the resources to learn how to utilize technology to view their child's learning.
- Develop a parent/guardian grade/building level technology resource list.
- Work with community businesses and agencies to address the needs of broadband for all.
- Collect data to determine levels of access across the Wrightstown area and, where possible, build on systems currently in place.

Gear 3 - Empowering, Innovative Leadership

Gear 3 is comprised of the following Future Ready Framework collaborative leadership elements:

● A Shared, Forward-Thinking Vision for Digital Learning
● A Culture of Collaboration, Innovation, Capacity Building, and Empowerment
● High Expectations for Evidence-Based Transformations to Digital Learning
● Transformative, Coherent Thinking, Planning, Policies, and Implementation

GOAL 3.1

Utilize leaders at all levels to implement, monitor, adjust, and incrementally improve digital learning in the Wrightstown Community Schools.

Recommendation
Continue updating school and board plans and policies including updated actions, behaviors, and policies supporting the technical, physical, and adaptive changes needed to personalize learning for students and staff. Also create professional development opportunities led by district leaders and trained staff to support and improve digital learning knowledge and experiences for staff.

PRIORITY ACTIVITIES
● Engage all students, teachers, administrators, parents, and the community to envision an education system personalizing learning for all students through the effective uses of technology.
● Review current federal, state, and district policies to ensure alignment with the vision for a digital learning environment.

GOAL 3.2

Develop and implement digital learning competencies for teachers, administrators, students, technical staff, and support staff.

Recommendation
Ensure teachers, administrators, students, technical staff, and support staff can demonstrate understanding and application of the digital learning competencies.

PRIORITY ACTIVITIES
● New employees will participate in cybersecurity awareness training.
● Showcase staff that have made evidence-based transformations to digital learning.
● Create a culture of trust to provide opportunities to empower educators to innovate and sustain change.

GOAL 3.3

Establish a collaborative culture of forward thinking and empowerment in which leaders are encouraged to innovate.

Recommendation
Provide leaders with flexibility and adaptability to encourage innovation.

PRIORITY ACTIVITIES
● Develop a Professional Learning Network (PLN) in which teachers become designated coaches/mentors within the district.
● Work collaboratively with teachers and principals to utilize tools to be used within the Effective Educator system reflecting a digital teaching and learning environment.

Gear 4 - Professional Learning and Building Capacity

Gear 4 is comprised of the following Future Ready elements:

● Shared Ownership and Responsibility for Professional Growth
● 21st Century Skill Set
● Diverse Opportunities for Professional Learning Through Technology
● Broad-Based, Participatory Evaluation

GOAL 4.1

Teachers, administrators, and other educational professionals are self-directed in their professional practices using technology to optimize teaching and learning.

Recommendation
Ensure educators have access to high quality digital professional learning resources and collaboration tools by creating digital professional learning communities, peer-to-peer lesson sharing, and professional development sessions.

PRIORITY ACTIVITIES
● Allow time for district wide collaboration among grade levels and content areas with inclusion of technology and digital learning integration.

GOAL 4.2

Educators, administrators, technical support staff, and other appropriate staff demonstrate understanding and application of a dynamic skill set applicable to their professional learning, their professional practices, and their classroom or other work practices.

Recommendation
Create diverse opportunities for learning in a supportive culture encouraging innovation, exploration, and calculated risk-taking especially in the use of best practices in digitally-enabled learning environments.

PRIORITY ACTIVITIES
● Provide real-time feedback within the classroom.
● Create opportunities for educational technology training options.

GOAL 4.3

Educators collect data on their use of technology for learning and use it as evidence in their evaluations.

Recommendation
Promote a digital system of performance evaluation allowing educators to be actively involved in goal-setting, collection indicators of progress, and self-reflection strategies.

PRIORITY ACTIVITIES
● Utilize the district's system of professional evaluation that uses a broad set of indicators including student achievement, evidence of improved instructional practice, and student engagement.

Gear 5 Data and Privacy

Gear 5 is comprised of the following Future Ready elements:

- Data and Data Systems
- Data Policies, Procedures, and Practices
- Data-Informed Decision-Making
- Data Literate Education Professionals

GOAL 5.1

Utilize WISEDash to help track personalized, learner-centered environments using technology to collect, analyze, and organize data to improve the effectiveness and efficiency of learning. Data and privacy are foundation elements of a technology-enabled, digital learning ecosystem.

RECOMMENDATION
Data is available at any time, on any device, and from any location, made available securely through real-time access to data dashboards, data analytics, and data warehouses only for authorized users.

PRIORITY ACTIVITIES
- Continue training for WISEDash

GOAL 5.2

Districts are familiar with state and federal legislation regarding the safety, security, and privacy of data.

RECOMMENDATION
All districts will adopt formal governance structures (policies and procedures) related to data usage, privacy, and security.

PRIORITY ACTIVITIES
- Cybersecurity and data security training
- Cybersecurity and data security audit

Each spring the district technology committee will review and assess the progress of the 5-year Integrated Technology and Library Media Plan; the goals will be revised annually.

Library Vision

Students will attain knowledge and skills to become accomplished readers, independent learners, critical thinkers, creative problem solvers, and informed citizens through the expertise of school librarians and the use of resources and services provided by school library programs.

Mission

The mission of the school library program and school librarian is to ensure that students, teachers, administrators, and staff are effective users of ideas and information.

This mission is accomplished by:

- Providing intellectual and physical access to library materials
- Providing instruction to foster competence and stimulate interest in reading, viewing, and using information and ideas
- Collaborating with other educators to plan, design, teach, and evaluate information literacy learning experiences to meet the needs of all students
- Demonstrating effective leadership strategies in the administration of the program and in making connections to the broader learning community

Library Media Specialist

Each school library media specialist is a leader, planner, and manager who:

- Directs, organizes, and supervises personnel and services essential to a unified library media program centered on students' needs and the information and technology goals of the school
- Initiates and maintains formal contacts with the principal, director of information and technology, and teachers to evaluate library media programs, materials, technologies, facilities, and personnel
- Prepares financial plans for the library media center, including an annual budget
- Develops and maintains a written long-range plan for library media and technology services and integrates the activities designated in the plan into the total school curriculum
- Establishes and maintains an environment in the library media center in which students and staff can work at productive levels

- Works with administrators and other appropriate personnel to develop long-range goals and objectives for the school district
- Establishes relationships with colleagues, students, parents, and community which reflect recognition of and respect for every individual
- Participates in the recruiting, hiring, and training for other professional, paraprofessional, clerical, student and volunteer staff in the library media center
- Develops and continually updates the professional expertise necessary to function effectively in the library media specialist role