

Fabius-Pompey Central School District

Instructional Technology Plan

2026-2029



Technology Committee

Name	Role
Joe Peck	Superintendent of Schools
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Jay Lang	Director of Curriculum & Technology
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Melissa Porter	Librarian
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Bill Gumper	Teacher
Kelly Perry	Teacher
Nicolas Sawicky	Special Education Teacher

I. District Overview

Fabius-Pompey Central School District is a small rural district located approximately twenty-five minutes south of Syracuse, New York. The district serves approximately 670 students in grades UPK-12 across two buildings: the Elementary School (UPK-5) and the Middle-High School (6-12). The district is committed to providing students with a high-quality education that prepares them for college, careers, and responsible participation in society.

Instructional technology plays a critical role in supporting teaching and learning throughout the district. Technology provides students with access to information, tools for collaboration and creativity, and opportunities to develop the digital skills necessary for success in an increasingly technology-driven world. The district maintains a 1:1 student device program and integrates technology across grade levels and subject areas to support student learning and engagement.

This Instructional Technology Plan outlines the district's goals and strategies for using technology to enhance instruction, expand learning opportunities, and ensure equitable access to digital resources for all students during the 2026-2029 planning period.

II. Strategic Technology Planning

District Mission

The Fabius-Pompey mission is to provide an inclusive, safe learning environment where diverse forms of development are embraced, and core values such as integrity, respect, justice, and compassion are cultivated. Students take ownership of their learning; reaching their full potential with the help of the entire community. We strive for excellence in and beyond the classroom. We promote emotional development and critical thinking through ongoing and varied opportunities. Our close-knit community fosters a supportive environment where open lines of communication are respected and maintained. Our goal is to prepare lifelong learners who are passionate and able to contribute to their local community and our global society.

Vision for Instructional Technology

Fabius-Pompey CSD believes instructional technology should enhance teaching and learning by expanding access to information, supporting collaboration, and providing opportunities for creativity and problem solving. Technology is integrated into curriculum and instruction to support a guaranteed and viable curriculum across grade levels, promote digital fluency, and ensure all students have equitable access to tools that prepare them for an increasingly digital world.

The district's approach to instructional technology aligns with its strategic plan priorities, which include expanding academic opportunities, vertically aligning curriculum, and improving communication with students, families, and the community.

III. District Technology Goals

The district has identified the following goals for instructional technology during the 2026-2029 planning period.

Goal 1: Technology Integration Across the Curriculum

Fabius-Pompey CSD will expand the integration of instructional technology across all grade levels and subject areas to support student engagement, collaboration, and deeper learning. Technology will be incorporated into curriculum development and instructional practices as part of the district's vertically aligned curriculum.

Technology supports this work by enabling teachers to provide interactive learning experiences, formative assessments, and digital collaboration opportunities. Teachers use digital tools to facilitate communication, provide feedback, and enhance student engagement in lessons.

Investments during the planning period will support instructional software, classroom technology tools, and professional learning related to technology integration.

Goal 2: Digital Fluency, Computational Thinking, and Emerging Technologies

Fabius-Pompey CSD will expand opportunities for students to develop digital fluency, computational thinking, and the ability to effectively use emerging technologies across all grade levels and subject areas. These skills will be developed through integrated instruction, STEAM initiatives, and technology-supported learning experiences aligned with the New York State Computer Science and Digital Fluency Standards.

Students will engage in learning experiences that promote problem-solving, creativity, collaboration, and responsible use of technology. Instruction will include the use of digital tools, data analysis, and age-appropriate exposure to emerging technologies such as artificial intelligence.

Investments during the planning period will support classroom technology resources such as robotics, AI-enabled tools, STEAM materials, and digital learning platforms that enhance student learning across the curriculum.

Goal 3: Professional Learning for Instructional Technology

Fabius-Pompey CSD will provide ongoing professional learning opportunities to support educators in effectively integrating instructional technology into teaching and learning. Professional development will focus on instructional best practices, emerging technologies such as artificial intelligence, and strategies that enhance student engagement while being implemented in a cost-effective manner that reflects the district's available resources and budget priorities.

Teachers will participate in workshops, collaborative planning sessions, and professional development opportunities that support technology integration in the classroom. These experiences help educators build the skills necessary to leverage technology to support instruction, differentiation, and student engagement.

IV. Instructional Technology and Student Learning

Fabius-Pompey CSD uses instructional technology to support a comprehensive and sustained effort to improve student learning and academic achievement. Technology is integrated into teaching and learning through curriculum development, classroom instruction, and student projects across all grade levels.

Teachers incorporate digital tools to support research, collaboration, content creation, and assessment. Students demonstrate their understanding of concepts and skills through multimedia projects, digital presentations, and other technology-enhanced learning activities. These opportunities allow students to engage actively with course material while developing critical thinking, creativity, problem-solving, and communication skills.

Students also develop digital fluency, computational thinking, and the ability to effectively use emerging technologies through integrated learning experiences across content areas. Instruction includes opportunities for students to analyze information, work with data, and apply digital tools in authentic and meaningful ways.

Instructional technology also supports differentiated instruction and provides multiple pathways for students to access learning. Digital resources, assistive technologies, and flexible learning platforms help ensure that all students can participate fully in classroom activities. Students also develop an understanding of responsible and ethical use of emerging technologies, including artificial intelligence tools, as part of the district's broader digital citizenship and digital fluency instruction.

To support equitable learning opportunities "everywhere, all the time," the district maintains a 1:1 student device program and provides wireless connectivity throughout district facilities. Network infrastructure, instructional software, and classroom technologies are maintained and updated to ensure reliable access to digital learning tools.

The district also builds human capacity through professional learning opportunities for staff and collaborative work among teachers to integrate technology into instructional practices. These efforts help ensure that instructional technology continues to support teaching and learning in meaningful and sustainable ways.

V. Administrative Management Plan

Technology leadership within the district is coordinated through the Director of Curriculum, who also oversees instructional technology and district technology initiatives. The district maintains staff who support technology integration, device management, and technical support to ensure that technology resources function reliably and effectively.

Technical support staff manage network infrastructure, device deployment, and help desk operations. These responsibilities include maintaining student devices, supporting classroom technology, and ensuring that the district's network infrastructure remains secure and reliable.

Technology planning and purchasing decisions are guided by district instructional priorities, infrastructure needs, and long-term sustainability considerations.

VI. Innovative Technology Programs

Fabius-Pompey Central School District has implemented instructional technology initiatives that enhance teaching and learning while providing students with meaningful opportunities to develop digital skills. These initiatives support the district's commitment to integrating technology across grade levels and subject areas.

Digital Fluency and Technology-Integrated Learning

Technology is integrated into classroom instruction to support student learning, collaboration, and creativity. Students use digital tools to research, complete assignments, collaborate with peers, and demonstrate understanding through presentations and multimedia projects.

Teachers use technology to support assessment, engagement, and differentiated learning. These practices help students develop digital fluency, computational thinking, and real-world problem-solving skills across subject areas.

Digital Citizenship Education

Students receive instruction in digital citizenship at multiple grade levels, focusing on responsible technology use, online safety, privacy, digital footprints, and respectful communication.

This instruction helps students understand the ethical and social implications of technology use, including emerging tools such as artificial intelligence, and supports responsible and appropriate use.

STEAM Learning Opportunities

STEAM initiatives provide hands-on learning experiences that integrate science, technology, engineering, arts, and mathematics. Students participate in activities such as robotics challenges, engineering design projects, and maker-style learning experiences.

These experiences promote creativity, experimentation, collaboration, and computational thinking while allowing students to apply academic concepts in meaningful ways.

Student Technology Support Program

The district operates a student technology support program in which students assist with device management and basic troubleshooting under staff supervision.

This program provides real-world experience while supporting district technology operations and helping students develop technical and problem-solving skills.

VII. Infrastructure and Access

Fabius-Pompey CSD maintains a robust technology infrastructure that supports teaching and learning across the district. Students have access to a 1:1 device program, and wireless connectivity is available throughout district facilities.

The district continually evaluates and upgrades network infrastructure, classroom technology, and digital learning resources to ensure that technology supports instructional goals effectively. Investments in infrastructure are coordinated with long-term technology planning to ensure sustainability and reliability.

The district also works with regional partners and BOCES to access technology services, professional development opportunities, and shared resources that enhance instructional technology programs.

Conclusion

Instructional technology plays an essential role in supporting the educational mission of Fabius-Pompey CSD. Through thoughtful planning, strategic investments, and ongoing professional learning, the district will continue to expand opportunities for students and educators to use technology to enhance teaching and learning.

The goals outlined in this plan reflect the district's commitment to integrating technology into curriculum and instruction, developing students' digital fluency, and ensuring equitable access to digital learning resources for all students.