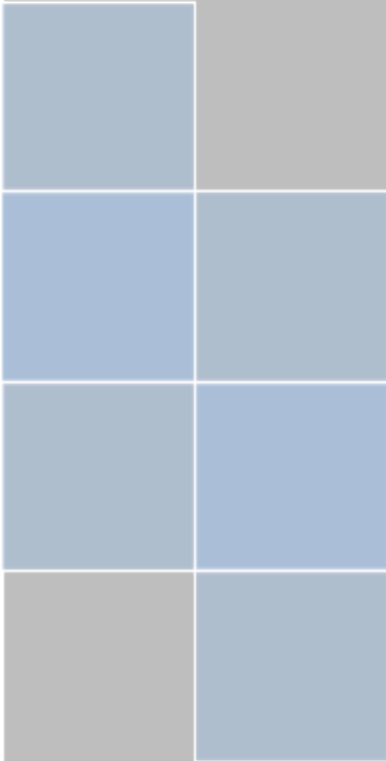


2026  
-2029



# Bedford Central School District Instructional Technology Plan



# Table of Contents

<b>District Mission</b>	<b>2</b>
<b>Belief Statement</b>	<b>2</b>
<b>Statewide Learning Technology Plan Goals</b>	<b>3</b>
<b>Goals</b>	<b>4</b>
Goal 1 - Internet Connectivity	4
Goal 2- Network and Infrastructure	5
Goal 3- Instructional and/or Administrative Software	5
<b>Alignment with NYSED Initiatives</b>	<b>6</b>
<b>Administrative Management Plan</b>	<b>7</b>
<b>Appendix A</b>	<b>7</b>
New York State Board of Regents Statewide Learning Technology Plan	7
Mission	7
Vision of Technology for Teaching and Learning	8

## District Mission

We recognize each child as an individual with the potential to achieve their personal best. We are committed to guiding our students on their unique educational journeys by nurturing their abilities and encouraging a growth mindset, while challenging and supporting their academic development and fostering their social-emotional and physical well-being. We celebrate diversity, an inclusive learning environment, and respect for others as important components in developing global citizens.

## Belief Statement

The Bedford Central School District administrators, teachers and staff believe that technology is an integral component of teaching and learning. Teachers and students should have easy access to appropriate technology to support classroom instruction. Students must have the skills and access to explore readily available technology, when needed, in the course of pursuing learning goals. Technology use in the classroom should support an active learner environment where students and teachers engage in creative thinking, research and collaboration with students assuming more responsibility for their learning. The ISTE Standards for Students and Teachers, the New York State Computer Science and Digital Fluency Standards, and the American Association for School Librarians Standards should be used to inform professional practice and curriculum design.

# Statewide Learning Technology Plan Goals

The [2010 Statewide Learning Technology Plan](#) set forth a number of goals. The New York State Education Department has asked Districts to self-assess the extent to which the District has achieved these goals at the local level. The responses in bold and highlighted indicate the BCSD self-assessment based on the annual Instructional Technology Survey Data.

For reference, the Mission and Vision of the Statewide Learning Technology Plan is included as Appendix A to this plan.

<p><b>Digital Content – The District uses standards-based, accessible digital content that supports all curricula for all learners.</b></p>	<p><b>The district has met this goal:</b> Minimally Moderately <b>Significantly</b> Fully</p>
<p><b>Digital Use – The District’s learners, teachers, and administrators are proficient in the use of technology for learning.</b></p>	<p><b>The district has met this goal:</b> Minimally Moderately <b>Significantly</b> Fully</p>
<p><b>Digital Capacity and Access – The District’s technology infrastructure supports learning and teaching in all of the District’s environments.</b></p>	<p><b>The district has met this goal:</b> Minimally Moderately Significantly <b>Fully</b></p>
<p><b>Leadership – The District Instructional Technology Plan is in alignment with the <a href="#">Statewide Learning Technology Plan vision</a>.</b></p>	<p><b>The district has met this goal:</b> Minimally Moderately <b>Significantly</b> Fully</p>
<p><b>Accountability – District-level information is posted on the District website, is easy to access, and is easily understood. Information provided includes the results achieved by the District in their efforts to enable students to build knowledge, master skills, and grasp opportunities for a better life.</b></p>	<p><b>The district has met this goal:</b> Minimally Moderately <b>Significantly</b> Fully</p>

# Goals

## Goal 1 - Internet Connectivity

The District will implement a **10Gbps internet backbone** by the 2026-2027 school year to satisfy the FCC's connectivity standards and ensure 100% reliability for our expanding ecosystem of web-based instructional, administrative and assessment tools. This infrastructure enhancement is designed to eliminate bandwidth bottlenecks during peak usage, ensuring equitable high-speed access across all district facilities.

### New York State Education Department goal that best aligns with this goal:

- Digital Capacity and Access – The District's technology infrastructure supports learning and teaching in all of the District's environments.

### Target Student Population(s):

- All students

## Goal 2- Network and Infrastructure

To maximize the impact of the district's high-speed bandwidth and provide a seamless 1:1 learning experience, the District will refresh all wireless access points (APs) and core network switches within Fox Lane High School and Fox Lane Middle School. This infrastructure update will eliminate internal congestion, ensure robust signal density in high-occupancy areas, and support the concurrent use of bandwidth-intensive instructional applications.

### New York State Education Department goal that best aligns with this goal:

- Digital Capacity and Access – The District's technology infrastructure supports learning and teaching in all of the District's environments.

### Target Student Population(s):

- All students

## **Goal 3- Instructional and/or Administrative Software**

The District will implement a comprehensive framework for the ethical and purposeful integration of Artificial Intelligence to support personalized learning while ensuring strict compliance with NYS Ed Law 2-d. By testing AI-enhanced tools and fostering a culture of responsible experimentation, we will empower educators to reduce administrative burdens and provide students with the critical AI literacy skills necessary to navigate a technology-driven workforce.

### **New York State Education Department goal that best aligns with this goal:**

- Digital Use – The District’s learners, teachers, and administrators are proficient in the use of technology for learning.

### **Target Student Population(s):**

- All students

# Alignment with NYSED Initiatives

The NY State Education Department asks each District to provide responses to the questions below when submitting the Instructional Technology Plan

- 1. How will the district's use of instructional technology support a comprehensive and sustained effort to improve student performance and academic standards, while also addressing the need to provide equitable learning opportunities "everywhere, all the time" (National Technology Plan)?**

The District's instructional technology strategy is designed to close the digital access, design, and use divides by ensuring that robust infrastructure directly catalyzes high-standard academic performance. By establishing a 10Gbps high-speed backbone and refreshing High School and Middle School wireless architecture, we provide the essential foundation for equitable learning 'everywhere, all the time,' ensuring that students have seamless access to rigorous digital content regardless of their physical location in the district.

To translate this access into sustained student performance, the district is moving beyond passive consumption toward active digital use. Our commitment to exploring ethical AI integration and data-driven instructional tools allows for a 'Universal Design for Learning' (UDL) approach, where instruction is personalized to meet the unique needs of every learner. This comprehensive effort ensures that technology is not a peripheral resource but a core driver of academic excellence, providing all students with the sophisticated digital fluency required to master state standards and succeed in a global society.

2. At the start of the 2026-27 school year, will the district offer full-time virtual instruction to any students?  
(*Select all that apply*)
  - Yes. Our district operates a full-time virtual instruction program.
  - Yes. One or more of our students will attend a program operated by a BOCES or another public school district.
  - None of our students will participate in a full-time virtual instruction program.
  - Other

# Administrative Management Plan

Below is the Full-Time Equivalent (FTE) count as of the writing of this plan, of all staff whose primary responsibility is delivering technology integration training and support and/or technical support.

<b>Role</b>	<b>FTE</b>
District Technology Leadership	1.0
Instructional Support	0.0
School-Based Technical Support	9.0
District Technical Support	5.0

# Appendix A

## New York State Board of Regents Statewide Learning Technology Plan

### Mission

The education technology mission of the Board of Regents is to develop policies, recommend practices, advocate for resources, and create incentives for action that turn our vision into reality. Our mission, through the University of the State of New York (USNY)\*, is to provide a user-friendly and seamless technology-enhanced learning environment that serves the increasing needs of our citizens.

### Vision of Technology for Teaching and Learning

The Regents have an urgent need to raise the knowledge, skill and opportunity of all the people of the State of New York. New technologies have created powerful new learning tools which will transform the learning environment for students of all ages. Learning technologies will be seamlessly integrated into teaching and learning to increase student achievement. USNY will use technology to measure performance and communicate results to learners, teachers, leaders, and citizens. Through USNY, New York citizens will benefit from technology that brings information and knowledge to improve their lives.

USNY will provide learning technologies that change how students learn, what they learn, and why they learn. Students will access information to broaden and deepen knowledge about subjects in ways unimagined by prior generations.

All students will access learning materials in electronic form, including video, text, and other digital content related to the school curriculum. Students will create work, define and solve problems, and research and evaluate information using technology. Students will manage the flow of information and use technology to work with others from diverse backgrounds and locations. Our students will develop innovative approaches to communicate and collaborate.

Multiple environments will exist for teaching and learning, unbound by place, time, income, language or disability. The classroom, gymnasium, laboratory, library, theater, and museum will be a workspace for teachers and learners but will not always be a physical space. Students will access learning resources anywhere, anytime through the use of technology.

Technology is a path for teaching and learning, but it is also a body of practices, skill, and knowledge to be learned. All New York State learners will develop technological literacy to enter college, become productive members of the workforce, and succeed as citizens. Students, teachers, and leaders will have clear standards for what students should know and be able to do with technology; when various elements of technology will be taught; and how to embed technology in learning throughout the curriculum. These standards will be visible to the public to drive the standards even higher.

*\*The University of the State of New York (USNY) is the most complete, interconnected system of educational services in the United States. USNY includes 7,000 public and private elementary and secondary schools; 248 colleges and universities; 251 for-profit schools; nearly 7,000 libraries; 750 museums; the State Archives, Library and Museum; vocational rehabilitation services for adults with disabilities; State schools for the blind and for the deaf; 25 public broadcasting facilities; and more than half a million licensed professionals.*