

# 2022-2025 Inst. Technology Plan Summary



Bedford Central  
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*Presented to the  
Board of Education Curriculum, Instruction and Assessment Committee  
February 7, 2022*

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# Requirement & Timeline

- A 3-year Instructional Technology Plan must be submitted to NYSED every 3 years.
- The last plan was submitted in 2018. NYS moved the deadline for the next plan to 2022
- The plan is submitted in survey form to the Lower Hudson Regional Information Center for review and submission to NYSED by June



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# Inst. Technology Council

Develop Goals and Action Plans aligned to the BCSD Success Plan and Technology Plan

Review annual survey data to inform planning

Provide feedback on District policies and procedures related to technology



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## BETA Tech Team

- Research and select new Technology tools for exploration
- Become early adopters and supports of new Technology Tools
- Propose PD plans for the introduction of new Technology Tools

3-4 meetings a year

## Curriculum Council Subcommittee

- Identify required standards to be incorporated into existing curriculum
- Propose a scope & sequence of skills and how those skills can be incorporated into existing lessons (i.e. presentation skills through a science project)
- Develop exemplars and best practices to be shared with other teachers

8 meetings a year (curriculum council)

## School or Grade Level Technology Teams

Provide Feedback on plans and proposals from other groups

Learn new technologies that are adopted and share with school or grade level colleagues

Develop PD plans that meet the need of the school or grade level

BCSD  
Review and  
Planning



# Inst. Technology Plan - Belief Statement



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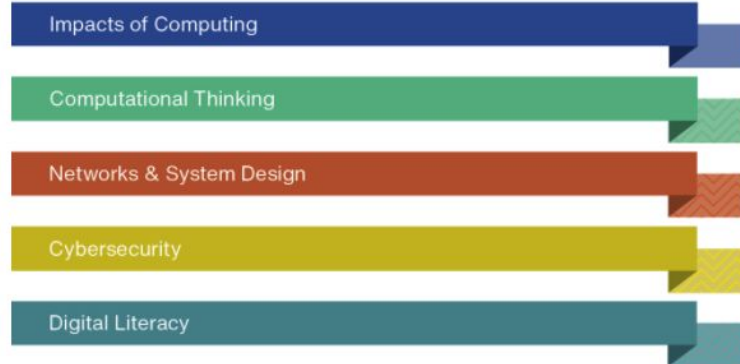
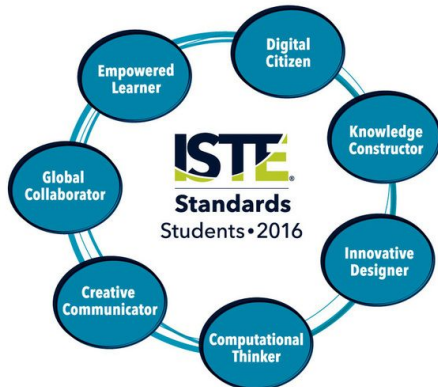
The Bedford Central School District administrators, teachers and staff believe that technology is an integral component of teaching and learning. Teachers and students should have easy access to appropriate technology to support classroom instruction. Students must have the skills and access to explore 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.



# Goal 1 - Student Digital Proficiency



To have a guaranteed and viable, curriculum-embedded roadmap that students, teachers and leaders follow to inspire innovation, empower student voice, and ensure that learning is a student-driven process through the implementation of the NYS Computer Science and Digital Fluency Standards



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# Goal 1 Action Plan



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Action Step - Category	Action Step - Description	Responsible Stakeholder(s)	Anticipated date of completion	Anticipated Cost
Staffing	Propose the hiring of an Education Technology Specialist to support the implementation of the NYS Computer Science and Digital fluency Standards, particularly at the elementary level	Director of Technology	August 2022	\$105,000
Curriculum	Capacity building focused on Curriculum Development, resource acquisition & professional development related to the NYS Computer Science and Digital Fluency Standards	Assistant Superintendent for Curriculum and Instruction	August 2023	TBD
Curriculum	Year 1 Implementation - Credit bearing Computer Science courses will be aligned with the NYS Computer Science and Digital Fluency Standards	6-12 Science & Technology Coordinator <i>(Curriculum and Instruction Leader)</i>	September 2023	TBD
Curriculum	Full Implementation - NYS Computer Science and Digital Fluency Standards implemented in all grade bands K-12	Assistant Superintendent for Curriculum and Instruction	September 2024	TBD

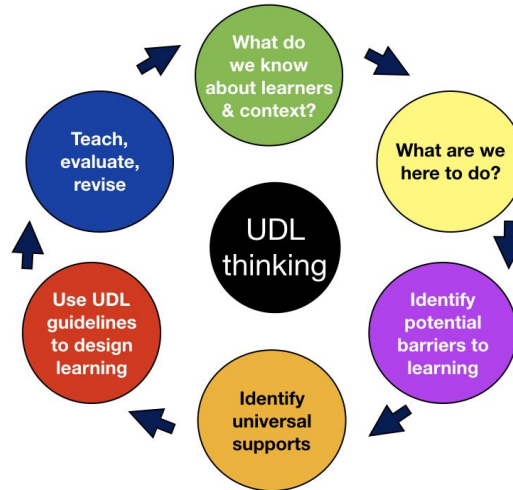


# Goal 2- Equitable and Accessible Learning Environments

Continue to build and curate a library of technology resources and tools to support the needs of all learners by removing barriers and providing curriculum access for all.



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# Goal 2 Action Plan



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Action Step - Category (NYS Options)	Action Step - Description	Responsible Stakeholder(s) (NYS Options)	Anticipated date of completion	Anticipated Cost
Curriculum	Work with Curriculum Leaders to expand technology enhanced curriculum materials when selecting new or updating curriculum materials	Assistant Superintendent for Curriculum and Instruction	September 2024	TBD
Policy/Protocols	Develop a rubric for the evaluation of technology resources to ensure that resources are accessible for all learners	<i>UDL Coordinator</i>	September 2023	N/A
Evaluation	Establish an annual process of reviewing software usage statistics and reporting to BCSD Leadership Team	Director of Technology	September 2023	N/A
Planning	Identify strategies and best practices for teachers to provide all instructional materials in an accessible manner, utilizing technology when appropriate	<i>UDL Coordinator</i>	September 2023	TBD





# Goal 3- Teacher Digital Proficiency

To provide Professional Development that supports ongoing learning and updating of curriculum that inspire innovation, empower student voice, and ensure that learning is accessible and a student-driven process.



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# Goal 3 Action Plan



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Action Step - Category	Action Step - Description	Responsible Stakeholder(s)	Anticipated date of completion	Anticipated Cost
Professional Development	Evaluate and update the new teacher onboarding process to include required technology professional development to build teacher digital proficiency	Director of Technology	September 2023	N/A
Planning	Develop an annual selection of Professional Development offerings that support intentional implementation of the ISTE Standards	<i>UDL Coordinator</i>	September 2023	TBD
Planning	Develop an annual selection of Professional Development offerings that support implementation of the NYS Computer Science and Digital Fluency Standards	Assistant Superintendent for Curriculum & Instruction	September 2023	TBD
Professional Development	Implement identified strategies and best practices, from Goal 2 that provides support for teachers to develop instructional materials in an accessible manner, utilizing technology when appropriate	<i>UDL Coordinator</i>	September 2024	TBD



# Goal 4- Devices, Infrastructure and Support

To maintain a technology infrastructure and support structure to provide consistent, reliable access to appropriate technology tools, for all students and provide strong school to home support.



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# Goal 4 Action Plan



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Action Step - Category	Action Step - Description	Responsible Stakeholder(s)	Anticipated date of completion	Anticipated Cost
Budget	Continue the Instructional Technology Lease refresh cycle to maintain a current and reliable inventory	Director of Technology	June 2025	\$700,000 Annually
Budget	Continue to provide Internet Hotspots for students without reliable access to the Internet outside of school	Director of Technology	June 2025	\$9,000 Annually
Infrastructure	Utilize remaining Smart Schools Bond funds and budget funds, as available, to provide WiFi in outdoor instructional spaces	Director of Technology	June 2024	\$100,000 \$60K SSIP \$40K Lease
Communications	Explore technologies to improve translation services between teachers and parents	Director of Technology	June 2023	\$20,000
Planning	Develop an annual series of parent technology education sessions, scheduled throughout the year.	Director of Technology	June 2023	N/A



# Next Steps

- Post Plan to BCSD Website
- Complete NYSED Survey and submit for review by the Lower Hudson Regional Information Center
- Develop detailed Action Plans for internal use

*Get to Work!*



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