



Instructional Technology Plan July 1, 2026 - June 30, 2029

Geneva City School District
400 W. North Street
Geneva, NY 14456

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Strategic Technology Planning

District Mission

The mission of the Geneva City School District is to educate and graduate all students with the essential skills and knowledge to live lives of consequence.

Instructional Technology Vision

Geneva City School District utilizes innovative technology to support and enhance teaching and learning. We leverage technology to provide enriching, authentic learning experiences that prepare students to succeed in a diverse, changing world.

- We believe technology allows us to better serve the diverse learning needs of our students.
- We believe multiple forms of technology will provide a rigorous and engaging learning environment for all students.
- We believe all students need access to current technology to have the necessary skills to succeed in our diverse and changing world.
- We believe that the school community must receive ongoing professional learning to effectively prepare quality instruction for all students.
- We believe technology should be used intentionally and purposefully, with clear decisions about how and when it is used to support learning, efficiency, and responsible use.

Planning Process for the Instructional Technology Plan

The district Technology Committee meets quarterly throughout the school year. A primary focus for the 2025–2026 school year was the development of the district's Technology Plan. The committee began this work by revising the instructional technology vision to ensure alignment with the district's overall mission and core values. We then reviewed the goals and action items from the previous Technology Plan and used them to inform the areas of focus for the next three years.

Goal Attainment

The District is asked to outline the extent to which they have achieved, at the local level, goals put forth in the 2010 Statewide Learning Technology Plan.

Digital Content – The District uses standards-based, accessible digital content that supports all curricula for all learners.

- The district has significantly met this goal.

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

- The district has significantly met this goal.

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

- The district has fully met this goal.

Leadership – The District Instructional Technology Plan is in alignment with the Statewide Learning Technology Plan vision.

- The district has fully met this goal.

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.

- The district has fully met this goal.

Goal 1

Continue to provide all educators with the knowledge and support for technology integration to ensure rigorous teaching and an engaging curriculum that meets the needs of all learners and prepares students for the global community.

Choose the topic that best aligns to your instructional technology goal.

- Professional Development

Target Populations:

- All Students
- Teachers/Teacher Aides
- Administrators

Estimated cost of this goal over the three-year plan?

- \$75,000

What is the potential funding source(s) and/or purchasing mechanism(s) for this expenditure over all three years of the plan?

- District Operating Budget

Action Step Category	Action Step	Measurement Method	Target/Metric	Responsible Stakeholder	Anticipated Date of Completion
Professional Development	Provide differentiated learning opportunities for staff on the district-purchased technology tools and how to integrate them into their instructional practice	Professional learning participation data	85–90% of instructional staff complete at least one district technology training annually	Assistant Superintendent of Teaching, Learning, and Accountability Director of Technology & Innovation Instructional Coaches EduTech /Vendors	Annually

Curriculum	Unpack Computer Science and Digital Fluency Learning Standards	Curriculum documents	100% of standards are unpacked	Assistant Superintendent of Teaching, Learning, and Accountability Building Principals Instructional Coaches	June 2027
Curriculum	Embed computer science and digital fluency standards into the current grade level curriculum	Curriculum maps	100% of the standards are embedded in the grade-level curriculum	Assistant Superintendent of Teaching, Learning, and Accountability	June 2028
Curriculum	Revise the scope and sequence of technology computing skills for each grade level	Scope and sequence documents	100% of grade levels have a clearly defined, documented technology/computing skills scope and sequence	Assistant Superintendent of Teaching, Learning, and Accountability	December 2027
Implementation	Implement a typing and digital citizenship program for students in grades PK-8 to ensure they have the necessary typing skills for CBT, schoolwork, and their future.	Program participation tracking Skill assessments	100% of students PK-8 are enrolled in age-appropriate typing and digital citizenship lessons	Assistant Superintendent of Teaching, Learning, and Accountability Director of Technology & Innovation Building Principals	December 2027

Goal 2

Implement and maintain strong cybersecurity measures that safeguard student and staff data, reduce security risks, and promote a safe digital learning environment across all district systems and devices.

Choose the topic that best aligns to your instructional technology goal.

- Cybersecurity

Target Populations:

- All students
- Teachers/Teacher Aides
- Administrators

Estimated cost of this goal over the three-year plan?

- \$120,000

What is the potential funding source(s) and/or purchasing mechanism(s) for this expenditure over all three years of the plan?

- BOCES Co-Ser purchase
- District Operating Budget
- Grants

Action Step Category	Action Step	Measurement Method	Target/Metric	Responsible Stakeholder	Anticipated Date of Completion
Cybersecurity	Conduct a risk assessment	Completion of risk register/report	100% of critical systems assessed High-risk vulnerabilities documented	Superintendent Director of Technology & Innovation EduTech Data Governance Team	June 2027
Infrastructure	Inventory of devices,	AssetCloud audit	100% of	Director of	Annually

	software, and accounts	windows Accounts and permissions review procedure	devices/accounts inventoried Audit accuracy greater than 95%	Technology & Innovation	
Professional Development	Cybersecurity awareness training	Completion and assessment participation data	100% staff complete training with an average score of 80% or higher	Director of Technology & Innovation Data Protection Officer	Annually
Implementation	Deploy endpoint protection and network monitoring tools using Defender	Security console and alert reports	100% endpoints protected, threats detected, and mitigated within 24 hours	Director of Technology & Innovation Technology Department EduTech	Always Ongoing
Cybersecurity	Conduct a penetration test	Penetration test reports	Decreasing the count of critical and high-severity vulnerabilities found in subsequent tests	Director of Technology & Innovation EduTech RIT Cybersecurity Alliance	Annually
Cybersecurity	Expand the security awareness program	Phishing simulation data reports	Greater than 50% reduction in simulated phishing click rate	Director of Technology & Innovation Data Protection	Annually

				Officer	
Cybersecurity	Conduct cybersecurity tabletops	Exercise reports	2 tabletop exercises completed	Director of Technology & Innovation Data Protection Officer EduTech Data Governance Team	June 2028
Evaluation	Evaluate emerging threats and adopt updated CIS/NIST controls as needed	Control checklist audits	100% of applicable controls implemented	Director of Technology & Innovation Data Protection Officer	Ongoing

Goal 3

Continue strengthening our network to ensure sufficient, reliable, high-speed connectivity for learners, educators, and leaders.

Choose the topic that best aligns to your instructional technology goal.

- Network and Infrastructure

Target Populations:

- All students
- Teachers/Teacher Aides
- Administrators

Estimated cost of this goal over the three-year plan?

- 800,000

What is the potential funding source(s) and/or purchasing mechanism(s) for this expenditure over all three years of the plan? Can check multiple options:

- E-Rate (\$389,836.38 - 85% Discount - 331,260.92 Reimbursement Amount)
- District Operating Budget

Action Step Category	Action Step	Responsible Stakeholder	Anticipated Date of Completion
Infrastructure Upgrade	Replace internal 50 Micron fiber run at North Street 12 strands per closet	Director of Technology and Innovation	June 2027-June 2029
Infrastructure Upgrade	Replace external fiber run single-mode 36 strands	Director of Technology and Innovation	June 2027-June 2029
Infrastructure Upgrade	Upgrade ESX's HPE Servers Gen 12 512GB Ram	Director of Technology and Innovation	June 2027-June 2029
Infrastructure Upgrade	Replace 2 new switches at DSB	Director of Technology and Innovation	June 2027-June 2029

Infrastructure Upgrade	Install a new rack at DSB	Director of Technology and Innovation	June 2027-June 2029
Infrastructure Upgrade	Install 50 micron fiber to the new AV area in the HS	Director of Technology and Innovation	June 2027-June 2029
Infrastructure Upgrade	Buy additional IMC licenses	Director of Technology and Innovation	June 2027-June 2029
Infrastructure Upgrade	Upgrade wireless access points (3-4 years out)	Director of Technology and Innovation	June 2027-June 2029
Infrastructure Upgrade	Upgrade/replace 5130 switches End of service is 2027	Director of Technology and Innovation	June 2027-June 2029
Infrastructure Upgrade	Replace Ethernet in the district to go from Cat 5 to the newest standard, or Cat 6a if Cat 8 is not feasible or worth it for current systems	Director of Technology and Innovation	June 2027-June 2029
Infrastructure Upgrade	Replace Symmetra's	Director of Technology and Innovation	June 2027-June 2029

NYSED Initiative Alignment

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 Geneva City School District views instructional technology as a critical component in preparing students for their future in a diverse and changing world. We believe that infusing technology into multiple learning formats, such as small-group, independent, and whole-group, increases student academic growth.

We use these tools to support differentiated learning, deliver targeted instruction, and analyze data to inform decision-making. Furthermore, technology offers students opportunities to reflect on their progress and take ownership of their learning.

Teachers integrate technology daily to foster engagement, ranging from interactive whiteboards to differentiated lessons delivered via our learning management system. Students demonstrate understanding through various digital modes, allowing teachers to instantly analyze work, provide feedback, and adjust their teaching practices in real time.

To support this, Geneva City School District plans to ensure all students have access to a touchscreen device with internet access in school, while allowing students in grades 9-12 to take devices home. We continuously monitor and update our infrastructure to ensure the best connectivity for classroom instruction. Additionally, we are committed to offering staff professional development, including regional conferences and "train-the-trainer" opportunities to build technology literacy capacity within the district.

We serve students with disabilities by providing the instructional technology services, devices, materials, and assessments deemed necessary for their success. Through an ongoing evaluation process by our Assistive Technology teams and in collaboration with Wayne Finger Lakes BOCES, we determine individual needs to support differentiated instruction. Students utilize assistive technologies such as text-to-speech software, sound-field systems, dictation tools, note-taking software, and visual supports to access the curriculum effectively.

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

If the district files or has filed a Smart Schools Investment Plan (SSIP) to apply for Smart Schools Bond Act funds, all responses in this survey align with the district's response to any related question(s) in the SSIP.

- ☒ Yes
- ☐ No
- ☐ The district does not have an active SSIP.

Has the school district provided for the loan of instructional computer hardware to students legally attending nonpublic schools pursuant to Education Law, section 754?

- ☐ Yes
- ☒ No
- ☐ Not Applicable

Districts are required to post an Instructional Technology Plan on their website.

Please provide the URL link as evidence of this requirement:

<https://www.genevacsd.org/departments/information-technology/technology-plan>

Technology Team

District Employed Staff (FTE)

- Director of Technology and Innovation (1)
- Customer Service Representative (1)
- Application Support Services Assistant (1)
- Network Analyst (1)
- Teaching Assistant (1)

Staff Contracted Through BOCES (FTE)

- Network Engineer II (.4)
- IT Technician II (.4)
- IT Technician I (.6)