

Instructional Technology Plan - 2026-2029 Instructional Technology Plan

I. District LEA Information

Page Last Modified: 09/09/2025

I. District LEA Information

1. **What is the name of the district administrator responsible for entering the Instructional Technology Plan data?**

Mark Place

2. **What is the title of the district administrator responsible for entering the Instructional Technology Plan data?**

Superintendent

For help with completing the plan, please visit ITP Resources on our website, contact your district's RIC, or email edtech@nysed.gov.

Instructional Technology Plan - 2026-2029 Instructional Technology Plan**II. Strategic Technology Planning**

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II. Strategic Technology Planning**1. What is the overall district mission?**

It is the mission of the Middleburgh Central School District to be a productive and responsible learning community, where all are inspired to achieve excellence.

2. What is the vision statement that guides instructional technology use in the district?

Instructional Technology will connect students, staff, and the community to transformational learning experiences in an innovative environment.

3. At the start of the 2026-27 school year, will the district provide a dedicated mobile device for every student in all grades?

No

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Instructional Technology Plan - 2026-2029 Instructional Technology Plan

Dedicated Device Chart

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Dedicated Device Chart

1. Choose one device access option per grade level based on the district plan for supplying students with a dedicated mobile device at the start of the 2026-27 school year.

	Device Access
K	Students will use shared district devices as needed (ex. classroom cart)
1	Students will use shared district devices as needed (ex. classroom cart)
2	Students will use shared district devices as needed (ex. classroom cart)
3	Students will use shared district devices as needed (ex. classroom cart)
4	Multiple levels of device access
5	Multiple levels of device access
6	Multiple levels of device access
UGE	Multiple levels of device access
7	Provide all students with a district-owned dedicated device
8	Provide all students with a district-owned dedicated device
9	Provide all students with a district-owned dedicated device
10	Provide all students with a district-owned dedicated device
11	Provide all students with a district-owned dedicated device
12	Provide all students with a district-owned dedicated device
UGS	Provide all students with a district-owned dedicated device

Instructional Technology Plan - 2026-2029 Instructional Technology PlanIII. Goal Attainment

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1. Digital Content – The District uses standards-based, accessible digital content that supports all curricula for all learners.
The district has met this goal:
Significantly
2. Digital Use – The District's learners, teachers, and administrators are proficient in the use of technology for learning.
The district has met this goal:
Significantly
3. Digital Capacity and Access – The District's technology infrastructure supports learning and teaching in all of the District's environments.
The district has met this goal:
Fully
4. Leadership – The District Instructional Technology Plan is in alignment with the Statewide Learning Technology Plan vision.
The district has met this goal:
Significantly
5. 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 met this goal:
Fully

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Instructional Technology Plan - 2026-2029 Instructional Technology Plan

IV. Action Plan - Goal 1

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1. In 1 – 2 sentences provide an instructional technology goal for your district.

To further secure district data, Middleburgh CSD will expand its cybersecurity training program to include advanced phishing simulations and data privacy certification for 100% of instructional and administrative staff by June 2028.

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

Cybersecurity

3. Target Student Population(s). Check all that apply.

- | | |
|--|--|
| ☐ All students | ☐ Economically disadvantaged students |
| ☐ Early Learning (Pre-K -3) | ☐ Students between the ages of 18-21 |
| ☐ Elementary/intermediate | ☐ Students who are targeted for dropout prevention or credit recovery programs |
| ☐ Middle School | ☐ Students who do not have adequate access to computing devices and/or high-speed internet at their places of residence |
| ☐ High School | ☐ Students who do not have internet access at their place of residence |
| ☐ Students with Disabilities | ☐ Students in foster care |
| ☐ English Language Learners | ☐ Students in juvenile justice system settings |
| ☐ Students who are migratory or seasonal farmworkers, or children of such workers | ☐ Vulnerable populations/vulnerable students |
| ☐ Students experiencing homelessness and/or housing insecurity | ☒ Other (please identify in Question 3a, below) |

- 3B. If 'Other' was selected in Question 3 above, please identify target student population(s).

This goal is directed toward staff, not students.

4. Additional Target Population(s). Check all that apply.

- ☒ Teachers/Teacher Aides
- ☒ Administrators
- ☐ Parents/Guardians/Families/School Community
- ☒ Technology Integration Specialists
- ☒ Other

5. Estimated cost of this goal/priority over the three-year plan? Round to the nearest thousand if exact figures are not yet known.

15,000.00

6. 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.*

- | | |
|---|--|
| ☒ BOCES Co-Ser purchase | ☐ Instructional Aid Materials |
| ☐ Capital Project | ☐ Instructional Resources Aid |
| ☐ District Public Bond | ☐ Smart Schools Bond Act |
| ☐ District Operating Budget | ☐ Technology Reserve Fund |

Instructional Technology Plan - 2026-2029 Instructional Technology PlanIV. Action Plan - Goal 1

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☐ E-Rate☐ Title Funds☐ Grants☐ Other**7. Optional: If you would like to add an action plan for this goal list the action steps below.**

	Action Step	Action Step - Description
Action Step 1	Budgeting	Identify funding available for this product.
Action Step 2	Purchasing	Purchase Mimecast
Action Step 3	Planning	Identify a timeline to run a phishing campaign
Action Step 4	Professional Development	Provide regular cybersecurity PD training.
Action Step 5	Cybersecurity	Launch phishing campaign
Action Step 6	Evaluation	Reflect areas where additional training is needed.
Action Step 7	(No Response)	(No Response)
Action Step 8	(No Response)	(No Response)

For help with completing the plan, please visit ITP Resources on our website, contact your district's RIC, or email edtech@nysed.gov.

Instructional Technology Plan - 2026-2029 Instructional Technology Plan

IV. Action Plan - Goal 2

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1. In 1 – 2 sentences provide a second instructional technology goal for your district.

By June 30, 2029, Middleburgh CSD will fully integrate the NYS Computer Science and Digital Fluency Standards into 100% of core K–12 curricula—emphasizing the *Impact of Computing* strand—so that **both students and staff** can critically assess and use generative AI ethically, responsibly, and effectively, with **80% of students** demonstrating mastery of responsible AI use as measured by district-wide observations and student work samples.

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

Other

- 2B. If you chose Other, please describe.

Artificial Intelligence

3. Target Student Population(s). Check all that apply.

- | | |
|--|--|
| ☒ All students | ☐ Economically disadvantaged students |
| ☐ Early Learning (Pre-K -3) | ☐ Students between the ages of 18-21 |
| ☐ Elementary/intermediate | ☐ Students who are targeted for dropout prevention or credit recovery programs |
| ☐ Middle School | ☐ Students who do not have adequate access to computing devices and/or high-speed internet at their places of residence |
| ☐ High School | ☐ Students who do not have internet access at their place of residence |
| ☐ Students with Disabilities | ☐ Students in foster care |
| ☐ English Language Learners | ☐ Students in juvenile justice system settings |
| ☐ Students who are migratory or seasonal farmworkers, or children of such workers | ☐ Vulnerable populations/vulnerable students |
| ☐ Students experiencing homelessness and/or housing insecurity | ☐ Other (please identify in Question 3a, below) |

4. Additional Target Population(s). Check all that apply.

- ☒ Teachers/Teacher Aides
- ☒ Administrators
- ☐ Parents/Guardians/Families/School Community
- ☒ Technology Integration Specialists
- ☐ Other

5. Estimated cost of this goal/priority over the three-year plan? Round to the nearest thousand if exact figures are not yet known.

7,000.00

6. 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.

- | | |
|---|--|
| ☒ BOCES Co-Ser purchase | ☐ Instructional Aid Materials |
| ☐ Capital Project | ☐ Instructional Resources Aid |

Instructional Technology Plan - 2026-2029 Instructional Technology Plan

IV. Action Plan - Goal 2

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- | | |
|--|--|
| ☐ District Public Bond | ☐ Smart Schools Bond Act |
| ☐ District Operating Budget | ☐ Technology Reserve Fund |
| ☐ E-Rate | ☐ Title Funds |
| ☐ Grants | ☐ Other |

7. Optional: If you would like to add an action plan for this goal list the action steps below.

	Action Step	Action Step - Description
Action Step 1	Budgeting	The district will allocate funding annually to support the integration of the NYS Computer Science and Digital Fluency Standards across the K-12 curriculum. Budget planning will include resources for professional development, instructional materials, approved AI tools, and technology infrastructure needed to support instruction aligned with the Impact of Computing strand.
Action Step 2	Purchasing	The district will evaluate and procure district-approved AI and digital learning tools that allow teachers and students to safely explore generative AI while maintaining compliance with student data privacy regulations.
Action Step 3	Collaboration	The district will collaborate with regional organizations such as BOCES, professional networks, and educational technology organizations to share resources, develop instructional practices, and remain informed about best practices in digital fluency and AI education.
Action Step 4	Implementation	The district will support teachers in embedding the Impact of Computing strand throughout core curriculum areas, ensuring that students engage with issues such as algorithmic bias, digital responsibility, and the ethical implications of emerging technologies.
Action Step 5	Professional Development	Professional development will include training on generative AI tools, digital citizenship, and instructional strategies that help students critically evaluate technology and understand its broader societal implications.
Action Step 6	Learning Spaces	In addition to physical spaces, the district will leverage digital platforms and learning management systems that allow students to engage with computing concepts, collaborate with peers, and demonstrate responsible digital practices.
Action Step 7	(No Response)	(No Response)
Action Step 8	(No Response)	(No Response)

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Instructional Technology Plan - 2026-2029 Instructional Technology Plan

IV. Action Plan - Goal 3

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1. In 1-2 sentences provide a third instructional technology goal for your district.

By the end of the 2026-2027 school year, 100% of Middleburgh CSD instructional staff will complete a minimum of five hours of professional development focused on the ethical use of AI tools and AI-enhanced lesson design, resulting in at least one AI-integrated lesson plan per teacher

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

Professional Development

3. Target Student Population(s). Check all that apply.

- | | |
|--|--|
| ☒ All students | ☐ Economically disadvantaged students |
| ☐ Early Learning (Pre-K -3) | ☐ Students between the ages of 18-21 |
| ☐ Elementary/intermediate | ☐ Students who are targeted for dropout prevention or credit recovery programs |
| ☐ Middle School | ☐ Students who do not have adequate access to computing devices and/or high-speed internet at their places of residence |
| ☐ High School | ☐ Students who do not have internet access at their place of residence |
| ☐ Students with Disabilities | ☐ Students in foster care |
| ☐ English Language Learners | ☐ Students in juvenile justice system settings |
| ☐ Students who are migratory or seasonal farmworkers, or children of such workers | ☐ Vulnerable populations/vulnerable students |
| ☐ Students experiencing homelessness and/or housing insecurity | ☐ Other (please identify in Question 3a, below) |

4. Additional Target Population(s). Check all that apply.

- ☒ Teachers/Teacher Aides
- ☒ Administrators
- ☐ Parents/Guardians/Families/School Community
- ☒ Technology Integration Specialists
- ☐ Other

5. Estimated cost of this goal/priority over the three-year plan? Round to the nearest thousand if exact figures are not yet known.

3,000.00

6. 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.

- | | |
|---|--|
| ☒ BOCES Co-Ser purchase | ☐ Instructional Aid Materials |
| ☐ Capital Project | ☐ Instructional Resources Aid |
| ☐ District Public Bond | ☐ Smart Schools Bond Act |
| ☒ District Operating Budget | ☐ Technology Reserve Fund |
| ☐ E-Rate | ☐ Title Funds |

Instructional Technology Plan - 2026-2029 Instructional Technology Plan

IV. Action Plan - Goal 3

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☐ Grants☐ Other

7. Optional: If you would like to add an action plan for this goal list the action steps below.

	Action Step	Action Step - Description
Action Step 1	Professional Development	Professional development will be delivered through a combination of faculty workshops, embedded coaching, and self-paced learning modules. Instructional technology staff and teacher leaders will model effective AI integration strategies and support teachers in developing lessons that leverage AI tools while maintaining academic integrity and data privacy.
Action Step 2	Learning Spaces	Learning spaces will include both physical environments and digital platforms that support experimentation with AI-enhanced instruction. Teachers will have access to district-approved AI tools, instructional technology resources, and collaborative planning environments to support lesson development.
Action Step 3	Implementation	Educators will incorporate AI tools into lesson planning and instructional delivery to enhance student engagement, differentiation, and creativity. Implementation will focus on using AI as a support tool for instruction while maintaining teacher oversight and instructional intent.
Action Step 4	Evaluation	Evaluation will include tracking teacher participation in professional development, reviewing submitted AI-integrated lesson plans, and gathering feedback from teachers regarding the effectiveness of AI-supported instructional strategies.
Action Step 5	(No Response)	(No Response)
Action Step 6	(No Response)	(No Response)
Action Step 7	(No Response)	(No Response)
Action Step 8	(No Response)	(No Response)

8. Would you like to list a fourth goal?

No

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Instructional Technology Plan - 2026-2029 Instructional Technology Plan**V. NYSED Initiatives Alignment**

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V. NYSED Initiatives Alignment

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)?

To improve student performance and uphold high academic standards, Middleburgh CSD integrates technology into a student-centered model that emphasizes critical thinking and data-driven instruction through platforms like i-Ready and Google Workspace. By shifting from traditional methods to an individualized approach, the district empowers students to demonstrate mastery through tech-enabled learning paths tailored to their unique needs. To provide equitable opportunities 'everywhere, all the time,' the district leverages its 1:1 device initiative and cloud-based infrastructure to bridge the gap between school and home, removing geographic barriers to high-quality resources. This comprehensive strategy fosters a 'responsible learning community' where innovative tools are utilized to sustain academic excellence and provide every student the flexibility to learn in any environment.

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

3. 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

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Instructional Technology Plan - 2026-2029 Instructional Technology PlanVI. Administrative Management Plan

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VI. Administrative Management Plan**1. Staff Plan**

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

	District Employed Staff (FTE)	Staff Contracted Through Vendor or BOCES (FTE)
District Technology Leadership	0.00	0.00
Instructional Support	1.00	0.00
Technical Support	1.00	0.80
Totals:	2.00	0.80

2. 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

3. Districts are required to post an Instructional Technology Plan on their website. Please provide the URL link as evidence of this requirement.<https://www.middleburghcsd.org/departments/technology-department/>

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Instructional Technology Plan - 2026-2029 Instructional Technology Plan**VII. Established Educational Technology Programs**

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VII. Established EdTech Programs

1. Please choose one or more topics that reflect an innovative educational technology program that has been implemented with and for students for at least two years at a building or district level. Use "Other" to share a topic that is not on the list.

- | | | |
|---|--|--|
| ☒ Active Learning Spaces/Makerspaces | ☐ Digital Equity Initiatives | ☒ Special Education |
| ☒ Advanced Computer Science or Technology Courses | ☒ Engaging School Community through Technology | Instruction and Learning with Technology |
| ☒ Artificial Intelligence (AI) | ☒ Flexible Learning Spaces | ☒ STEAM/STEM |
| ☒ Assistive Technology | ☒ Instruction and Learning with Technology | ☐ Student Technology Support/Helpdesk |
| ☐ Blended and/or Flipped Classrooms | ☐ Media Literacy | ☐ Virtual/Online Learning |
| ☐ Broadcasting or Podcasting | ☐ OER and Digital Content | ☐ Other Topic A |
| ☐ Culturally Responsive Instruction with Technology | ☒ Personalized Learning | ☐ Other Topic B |
| ☒ Digital Citizenship | | ☐ Other Topic C |

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