

Instructional Technology Plan - 2026-2029 Instructional Technology Plan**I. District LEA Information**

Page Last Modified: 07/28/2025

I. District LEA Information

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

Toby Coleman

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

Other

- 2B. **If 'Other' was selected in Question 2 above, please identify the title.**

Instructional Technology Coordinator

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

Page Last Modified: 07/28/2025

II. Strategic Technology Planning

1. What is the overall district mission?

All Students. All Staff. One Family.

The **MISSION** of the Waterloo Central School District is to put kids first every day. We support each student on a personalized journey to realize their goals. Our caring community develops learners and leaders.

Waterloo Strategic Plan

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

At Waterloo Central School District, we are committed to fostering a dynamic and inclusive learning environment where technology empowers students to become innovative thinkers, ethical digital citizens, and lifelong learners. Guided by the New York State Computer Science and Digital Fluency Standards, our vision is to integrate cutting-edge technology into the curriculum, equipping students with the skills necessary to thrive in an interconnected and rapidly evolving world.

We aim to:

- **Cultivate Computational Thinking:** Encourage students to develop problem-solving skills by analyzing complex issues, designing solutions, and applying computational strategies across disciplines.
- **Promote Responsible Digital Citizenship:** Teach students to navigate the digital landscape with integrity, empathy, and an awareness of ethical practices in online communication and information use.
- **Inspire Creativity and Innovation:** Provide opportunities for students to use technology as a tool for creative expression, collaboration, and the development of real-world solutions.
- **Ensure Accessibility and Equity:** Create a technology-rich environment where all students have equitable access to tools, resources, and opportunities for success.
- **Prepare for Future Careers:** Offer students hands-on experiences with emerging technologies to build proficiency in skills like coding, data analysis, and digital design, ensuring readiness for future academic and career pathways.

Through these efforts, Waterloo Central School District will empower students to navigate the challenges of the 21st century with confidence, curiosity, and a deep commitment to lifelong learning.

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

Yes

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

Page Last Modified: 07/28/2025

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:

Moderately
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:

Fully
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:

Significantly

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Instructional Technology Plan - 2026-2029 Instructional Technology Plan

IV. Action Plan - Goal 1

Page Last Modified: 03/27/2026

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

Advance student achievement and engagement by implementing technology-enhanced Project-Based Learning practices that integrate instructional technology and blended learning strategies, ensuring equitable access to authentic, collaborative, and real-world learning experiences for all students, while cultivating computational thinking, creativity, and problem solving through innovative digital tools.

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.

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 |
| ☐ E-Rate | ☒ Title Funds |

Instructional Technology Plan - 2026-2029 Instructional Technology Plan

IV. Action Plan - Goal 1

Page Last Modified: 03/27/2026

☒ 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 to initially train 85% of teachers (consider what seniors need to do independently and how training will look at each level) on integrating technology into Project Based Learning lessons or units.
Action Step 2	Implementation	Classroom teachers will implement at least two tech-enhanced PBL units per grade level
Action Step 3	Evaluation	Innovation and Leadership - implement at least two tech-enhanced PBL units per grade level
Action Step 4	(No Response)	(No Response)
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)

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Instructional Technology Plan - 2026-2029 Instructional Technology Plan

IV. Action Plan - Goal 2

Page Last Modified: 03/27/2026

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

Ensure all students have equitable access to high-quality digital tools and emerging technologies to support building Future-Ready skills through collaborative and critical learning, empowering students with digital literacy, critical thinking, and teamwork skills needed to thrive in a connected, technology driven world.

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

Instructional and/or Administrative Software

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.

20,000.00

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 2

Page Last Modified: 03/27/2026

☒ 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	Infrastructure	Ensure students taking college level online courses have access to collegiate materials that may not be accessible to K-12 students. Ensure the district as ample contacts for adaptive technology needs should students require adaptations.
Action Step 2	Professional Development	Training for instructional staff around AI fluency and AI adaptability
Action Step 3	Community Partnerships	Generate a core group of community partners and outside professionals to collaborate with students on project-based learning activities to foster real world problem solving for authentic audiences.
Action Step 4	Learning Spaces	Identify creative spaces and new technology opportunities to support students' development of future ready skills.
Action Step 5	Planning	Develop a strategic plan for identifying and integrating future ready skills into daily curriculum work and projects for all students UPK-12
Action Step 6	(No Response)	(No Response)
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

Page Last Modified: 03/27/2026

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

Strategically integrate the New York State Computer Science and Digital Fluency Standards into daily instruction by equipping educators with targeted professional development, mentorship, and planning support, while fostering a forward thinking district culture that empowers students to access, analyze, create, and present information responsibly and ethically in a connected, technology driven world.

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.

5,000.00

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 Plan

IV. Action Plan - Goal 3

Page Last Modified: 03/27/2026

☐ 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	Professional Development	Deliver three (3) professional development sessions per semester focused on NYS CS/DF Standards
Action Step 2	Curriculum	Find or develop an integrated curriculum Implement the curriculum across all grade bands
Action Step 3	Implementation	Ensure 100% of students demonstrate ability to access, analyze, create, and present information ethically.
Action Step 4	(No Response)	(No Response)
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

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

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

Page Last Modified: 03/19/2026

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)?

The district's instructional technology program is designed to support sustained improvement in student performance while ensuring equitable access to highquality learning opportunities for all students. Technology is intentionally integrated into instruction to enhance engagement, strengthen alignment to New York State learning standards, and expand learning beyond the traditional classroom. A core focus of this plan is the implementation of technology enhanced Project Based Learning (PBL) across grade levels. Through ongoing professional development and instructional coaching, educators will design and deliver standards aligned learning experiences that promote critical thinking, problem solving, collaboration, and computational thinking. Technology enhanced PBL provides students with authentic opportunities to apply content knowledge using digital tools, supporting deeper learning and improved academic outcomes.

The district will also integrate the New York State Computer Science and Digital Fluency Standards into daily instruction across content areas. Targeted professional development and curriculum development will ensure that all students develop essential digital literacy skills, including the ability to access, analyze, create, and present information responsibly and ethically.

Equity is central to the district's technology vision, particularly in a rural context. The district is committed to ensuring that all students have access to appropriate devices, digital resources, and online learning platforms to support learning anytime and anywhere. This includes providing access to required materials for collegelevel coursework and ensuring timely support for adaptive and assistive technology needs.

To sustain and extend learning opportunities, the district will continue to invest in staff training related to emerging technologies, including artificial intelligence, and will foster partnerships with community organizations and regional agencies to support real world, technology enhanced learning experiences.

Through this coordinated approach, instructional technology serves as a powerful tool to improve student achievement, promote digital fluency, and ensure that every student has equitable access to engaging, standards based learning experiences.

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.

The district does not have an active SSIP.

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Instructional Technology Plan - 2026-2029 Instructional Technology Plan

VI. Administrative Management Plan

Page Last Modified: 04/07/2026

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	2.00	0.00
Instructional Support	2.00	0.00
Technical Support	3.00	0.00
Totals:	7.00	0.00

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?

Not Applicable

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.waterloocsd.org/district/district-plans1>

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

Page Last Modified: 03/19/2026

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

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