Hoosic Valley
CENTRAL SCHOOL DISTRICT

Instructional Technology Plan

2026–2029

Technology That Supports Learning, Opportunity, and Every Student

Our Commitment

At Hoosic Valley Central School District, technology is a tool for learning—not a replacement for strong teaching, meaningful relationships, or student engagement.

Our instructional technology plan for 2026–2029 establishes a clear direction for how technology will support teaching and learning across the district. We are committed to using technology intentionally, responsibly, safely, and equitably so that every student has the opportunity to develop the skills needed to learn, communicate, collaborate, and succeed in an increasingly digital world.

Our Mission

> **At Hoosic Valley, our mission is to inspire a love for learning and foster good citizenship. We believe in providing a nurturing and inclusive environment where every student can thrive academically, socially, and emotionally.**

Our Technology Vision

Hoosic Valley Central School District is committed to a **student-centered learning environment** where instruction is engaging, differentiated, and accessible to all learners.

Technology will be used intentionally to:

- Strengthen teaching and learning
- Expand learning opportunities
- Support student engagement and independence
- Provide accessible and equitable learning experiences
- Develop digital literacy and communication skills
- Prepare students for success in a digital world
- Protect student privacy and security

- Promote responsible and ethical technology use

Beginning with the **2026–2027 school year, every student in every grade will have access to a dedicated district mobile device.**

Looking Ahead: Our Technology Priorities

Our 2026–2029 plan focuses on three interconnected priorities:

1. Digital Fluency & Responsible Technology Use

Building confident, capable, and responsible digital learners

2. Artificial Intelligence & Responsible Innovation

Preparing students and staff to use AI thoughtfully, ethically, and effectively

3. Cybersecurity, Privacy & Technology Management

Protecting students, staff, information, and the district's digital environment

Together, these priorities create a technology program that is **purposeful, equitable, safe, and focused on learning.**

PRIORITY 1

Building Digital Fluency for Every Student

Technology skills should not depend on a student's classroom, home access, disability status, language, or prior experience.

Hoosic Valley will establish consistent expectations for digital fluency across grade levels so that every student develops the foundational skills needed to participate successfully in today's learning environment.

Our Goal

All teachers will receive professional development on district digital fluency standards so that students develop foundational digital literacy skills, including:

- Responsible and appropriate technology use
- Digital citizenship
- Basic keyboarding skills
- Safe and age-appropriate use of online media
- Effective use of digital learning tools
- Skills needed to navigate and communicate in digital environments

What We Will Do

Assess Where We Are
Conduct a districtwide review of current digital fluency instruction, teacher capacity, and student needs.

Set Clear Expectations
Develop and communicate grade-band expectations for digital citizenship, keyboarding, and safe online media use.

Build Staff Capacity
Provide professional development for instructional staff focused on digital fluency expectations and effective classroom implementation.

Strengthen Keyboarding
Establish consistent keyboarding practice by grade level and monitor participation and growth.

Promote Safe Digital Learning
Standardize expectations for teacher-selected, filtered, age-appropriate online media.

Ensure Accessibility
Make sure digital resources are accessible and include appropriate accommodations, readability supports, translation, and pathways to assistive technology.

Measure Student Growth
Evaluate student digital literacy outcomes and use the results to adjust instruction and supports.

Investment

Estimated three-year investment: $4,000

PRIORITY 2

Preparing Students for the Age of Artificial Intelligence

Artificial intelligence is changing how people learn, work, communicate, and solve problems.

Hoosic Valley recognizes both the opportunities and responsibilities that come with this rapidly evolving technology.

Our goal is not simply to teach students how to use AI. We want students to understand **when, why, and how AI can be used appropriately—and when it should not be used.**

Our Goal

The district will establish clear expectations for **ethical and responsible AI use** while supporting instructional AI integration when it strengthens learning without compromising:

- Student privacy
- Academic integrity
- Equity
- Accuracy
- Student well-being
- Critical thinking
- Authentic learning

What We Will Do

Establish Clear Expectations
Develop and publish district expectations for AI use by students and staff, including acceptable use, attribution, transparency, academic integrity, and privacy.

Protect Privacy
Establish clear "do not enter" guidelines for confidential or personally identifiable information.

Prepare Staff
Provide professional development on responsible instructional AI use, practical classroom applications, and common risks.

Teach Students Responsible AI Use
Incorporate age-appropriate AI instruction into digital citizenship and academic integrity expectations.

Use Vetted Tools
Provide access to district-supported AI tools with appropriate guardrails and establish a review process for additional tools.

Teach Critical Evaluation
Help students understand AI limitations, including:

- Bias
- Accuracy
- Verification
- Accessibility
- Over-reliance on technology

Monitor and Improve
Use surveys, usage information, and incident reports to evaluate the impact of AI on learning, equity, well-being, and academic integrity.

Investment

No additional dedicated expenditure is anticipated at this time.

The district will prioritize existing resources and professional learning opportunities as appropriate.

PRIORITY 3

Protecting Our Digital Learning Environment

A strong instructional technology program must also be a secure one.

Hoosic Valley is committed to protecting student information, maintaining secure systems, and ensuring that instructional technology tools meet district and New York State requirements.

Our Goal

The district will maintain a consistent, districtwide process for approving, managing, and monitoring instructional technology tools.

This process will:

- Protect student data
- Strengthen cybersecurity practices
- Support compliance with **NYS Education Law 2-D**
- Promote appropriate and secure technology use
- Provide clear information and resources for staff and families

What We Will Do

Maintain an Approved Technology Inventory
Keep an up-to-date inventory of instructional technology tools used with students.

Review Technology Tools
Use a consistent review process that considers:

- Privacy
- Security
- Accessibility
- Age appropriateness
- Educational value
- New York State Education Law 2-D requirements
- Vendor agreements, when applicable

Define Responsibility
Clearly establish who recommends, approves, communicates, and monitors technology tools across the district.

Train Staff
Provide annual training on:

- Student data privacy
- Cybersecurity expectations
- Approved technology tools
- Appropriate technology use
- Procedures for requesting new tools

New staff will receive technology and privacy onboarding.

Create a Technology Resource
Maintain a centralized district technology webpage as the primary source for:

- Technology expectations
- Tool approval information
- Privacy resources
- AI guidance
- Safe media guidance
- Support contacts
- Frequently asked questions

Continuously Improve
Use questions, trends, surveys, and other information to identify areas where additional training, communication, or support is needed.

Investment

Estimated three-year investment: $4,000

Technology for Every Learner

Equity is at the center of our technology planning.

Hoosic Valley is committed to ensuring that technology expands opportunity rather than creating barriers.

Our approach considers the needs of:

- All students
- Students with disabilities
- English language learners
- Economically disadvantaged students
- Students who may not have reliable technology or internet access at home
- Students experiencing housing insecurity
- Students in vulnerable populations
- Students requiring assistive technology or other accommodations

Technology resources will be selected and implemented with **accessibility, translation, accommodations, and inclusive learning** in mind.

One Device. One Opportunity.

Beginning in the **2026–2027 school year**, Hoosic Valley will provide a dedicated mobile device to every student in every grade.

This districtwide approach helps establish a consistent learning environment and ensures that access to technology is not dependent on a student's circumstances outside of school.

Our goal is simple:

> **Every student should have the tools they need to learn—everywhere, all the time.**

Supporting Teachers

Effective instructional technology begins with effective professional learning.

Throughout the three-year plan, Hoosic Valley will provide professional development designed to help educators confidently and appropriately integrate technology into instruction.

Professional learning will focus on:

- Digital fluency
- Digital citizenship
- Responsible technology use
- Artificial intelligence
- Student data privacy
- Cybersecurity
- Approved instructional technology tools
- Accessibility and assistive technology
- Safe and age-appropriate digital media
- Technology integration strategies

The district will also track participation and use feedback to identify future professional learning needs.

Technology & Student Learning

Technology will be most successful when it supports the district's broader instructional priorities.

Our technology plan is designed to strengthen:

Engagement

Students use technology to participate actively in meaningful learning experiences.

Differentiation

Digital tools can provide multiple pathways for students to access content and demonstrate learning.

Accessibility

Technology can help remove barriers and provide students with appropriate supports.

Collaboration

Students and teachers can communicate, create, collaborate, and share ideas in new ways.

Critical Thinking

Students learn to evaluate digital information, question sources, and make informed decisions.

Future Readiness

Students develop skills that will support success in college, careers, and civic life.

Responsible Technology Use

Technology brings tremendous opportunity, but it also brings responsibility.

Hoosic Valley will continue to teach students that being a successful digital citizen means understanding how to:

- Protect personal information
- Make safe choices online
- Communicate respectfully
- Evaluate information critically
- Give credit to sources
- Use AI appropriately
- Understand the limitations of digital tools
- Make responsible decisions about technology use

These skills are not separate from learning. They are part of preparing students to be **responsible citizens and lifelong learners.**

Virtual Learning Readiness

Hoosic Valley does not currently have students enrolled in a full-time virtual instruction program.

However, the district has established an arrangement with **Questar III BOCES** that would allow the district to transition a student to a virtual learning model if needed.

This provides an additional pathway to support students when circumstances require a flexible learning option.

Measuring Our Progress

A successful technology plan requires more than purchasing devices and software.

Hoosic Valley will monitor implementation and outcomes to determine whether technology is actually improving learning and supporting students and staff.

We will use information such as:

- Student digital literacy outcomes
- Keyboarding growth
- Staff professional development participation
- Staff feedback
- Student and family feedback
- Technology usage data
- Privacy and security information
- Technology tool reviews
- AI usage and incident information
- Accessibility and support needs

The district will use these findings to identify successes, address gaps, and continuously improve our technology practices.

Where We Are Starting

Our previous technology planning efforts have established a strong foundation.

Digital Content

Significant progress

The district has made substantial progress in providing standards-based and accessible digital content that supports curriculum and learning.

Digital Use

Moderate progress

The district continues to build proficiency among students, teachers, and administrators in using technology effectively for learning.

Digital Capacity & Access

Strong progress

The district's technology infrastructure supports teaching and learning across district environments.

Leadership

Significant progress

The district's instructional technology planning is aligned with New York State's vision for learning technology.

Accountability

Area for continued growth

The district will continue improving how information about technology initiatives, outcomes, and student opportunities is communicated clearly and accessibly to the community.

Our Three-Year Roadmap

2026–2027

Establish & Communicate

- Implement districtwide digital fluency expectations
- Provide staff professional development
- Establish consistent keyboarding practices
- Publish AI expectations
- Begin age-appropriate student AI instruction
- Maintain technology tool inventory and approval processes
- Strengthen privacy and cybersecurity training
- Launch/maintain centralized technology resources

2027–2028

Implement & Evaluate

- Monitor student digital literacy growth
- Evaluate technology integration across classrooms
- Review AI implementation and emerging needs
- Analyze accessibility and equity outcomes
- Gather staff, student, and family feedback
- Refine professional development
- Update technology policies and resources

2028–2029

Reflect & Improve

- Evaluate progress toward technology goals
- Analyze student and staff outcomes
- Identify successes and areas for improvement
- Update technology expectations and practices
- Plan for the district's next instructional technology cycle
- Continue aligning technology investments with student learning priorities

A Technology Plan Built Around Students

The purpose of this plan is not technology for technology's sake.

It is about using the right tools, in the right ways, to create better opportunities for students.

At Hoosic Valley, we believe technology should:

Support great teaching.
Expand opportunity.
Remove barriers.
Protect students.
Build independence.
Develop responsible citizens.
Prepare students for what comes next.

Technology at Hoosic Valley

Intentional. Equitable. Responsible. Future-Ready.

Our 2026–2029 Instructional Technology Plan provides a framework for ensuring that every student has access to the tools, knowledge, and support needed to thrive in a digital world.

Through thoughtful implementation, professional learning, responsible innovation, and ongoing evaluation, Hoosic Valley will continue to make technology a meaningful part of a **student-centered learning environment**.

> **Technology is the tool.**
> **Learning is the purpose.**
> **Students are at the center.**

Hoosic Valley Central School District

Instructional Technology Plan | 2026–2029

District Technology Resource:
https://hoosicvalley.org/departments/technology/

Plan Status: Approved
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