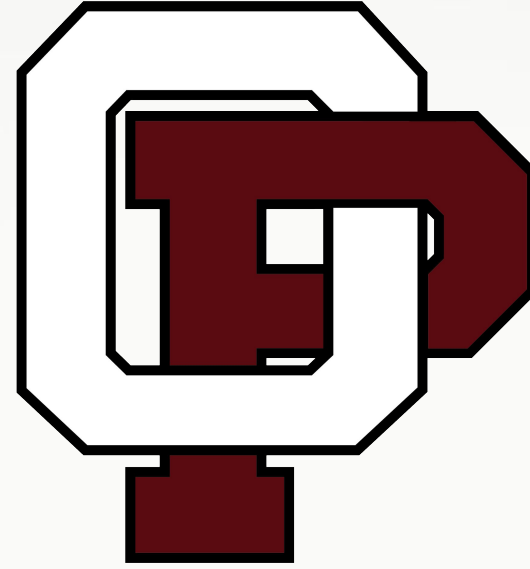




Orchard Park Central School District

2026-2029 District Instructional Technology Plan

Presentation to the Board of Education
September 15, 2026

District Instructional Technology Plan



District Instructional Technology Plans, required by Commissioner's Regulation 100.12, support the core mission of the NYS Board of Regents.

Equitable Access

Ensure that every child has equitable access to the highest quality educational opportunities, services, and supports in schools.

Effective Instruction

Provide effective instruction aligned to the state's standards.

Student Success

Positive learning environments, so that each child is prepared for success in college, career, and citizenship.

District Instructional Technology Plan Development

Committee Review

Reviewed Prior Plan

Collaborated with the District Technology Committee to establish a baseline for the new plan.

- Evaluated which previous goals were met or unmet
- Determined if existing goals still apply and should be carried forward
- Identified new strategic goals to incorporate

Sub-Committee Review

Reviewed Proposed Plan

Formed a specialized sub-committee to draft detailed objectives and implementation steps.

- Reviewed and integrated feedback from initial committee analysis
- Developed new goals and modified existing targets
- Created actionable steps to successfully accomplish all defined goals

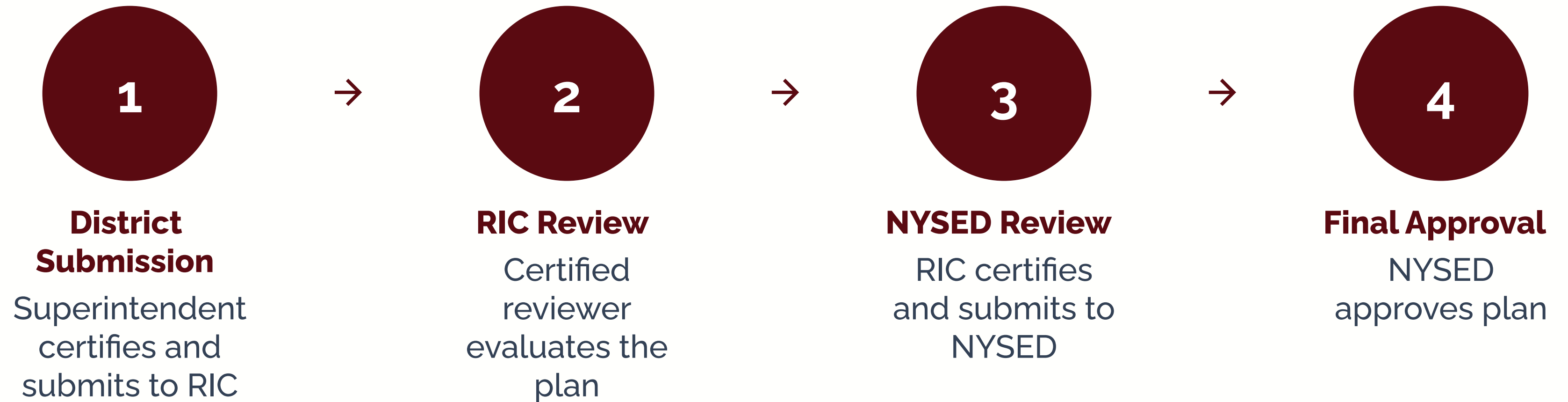
Submission

Submitted for Review

The finalized Instructional Technology Plan was formally submitted to begin the official certification and approval workflow.

- Initiated Regional Information Center (RIC) review process
- Ensured full compliance with NYSED certification standards
- Prepared plan for final Board of Education adoption

District Instructional Technology Plan Submission



If Revisions Are Requested

RIC/District Collaboration → Plan Revised → Plan Re-Certified → Resubmitted

District Technology Plan | *Four Main Goals*

*The District's
Instructional
Technology Plan
focuses on four main
goals.*

Cyber Security

**Professional
Learning**

**Artificial
Intelligence**

Curriculum

District Technology Plan | *Cyber Security*

The district will establish and sustain a comprehensive culture of data privacy and cybersecurity awareness to ensure the safe, ethical, and effective use of technology while protecting sensitive student, staff, and district data.

1 Planning

Continue the evaluation tool to align with the new 2.0 NIST Cybersecurity Framework, which includes Governance.

2 Policy & Protocols

Maintain and update Policies and Procedures to ensure compliance with Ed Law 2-d and meet the requirements of [Policy 5676](#): Privacy and Security for Student Data and Teacher and Principal Data. Maintain current DRP, IRP, BCP plans.

3 Cybersecurity

Develop a CyberSecurity Team to be tasked with Governance and CyberSecurity Tasks as determined needed.

4 Evaluation

Provide an annual cybersecurity and data privacy audit by an outside organization to evaluate risk and provide recommendations based on industry standards and the NIST Cybersecurity Framework.

Why Cyber Security Awareness Matters Now

Awareness helps prevent an incident from becoming a crisis

82%

of reporting K–12 organizations experienced cyber threat impacts

CIS logged 9,300 confirmed incidents across its K–12 data, July 2023–December 2024.¹

52%

of reporting K–12 organizations experienced cyber security incident

Clever reports the share of surveyed districts experiencing an incident.³

\$2.20 million

average ransomware recovery cost for schools, excluding ransom (Sophos, 2025)

For comparison: \$4.99M average breach cost globally, across all industries (IBM, 2026)²

Cyber incidents put student privacy, instructional time, and school budgets at risk.

- **Phishing caused 22% of surveyed K-12 education ransomware attacks.**
 - Regular practice recognizing suspicious messages and reporting them quickly helps protect school accounts and keep learning available.
- **XDR — Extended Detection and Response Solution**
 - Connects threat signals across devices, email, identities, cloud systems, and networks to detect and investigate proactively & efficiently . Isolate & Remediate

Sources: ¹ CIS MS-ISAC K–12 Report (2025) ² IBM Cost of a Data Breach (2026) ³ Clever CyberSecure Report (2026)

Orchard Park Central School District Technology Department

District Technology Plan | *Professional Learning*

Provide access to relevant, rigorous professional learning to ensure educators and instructional leaders are proficient in the effective integration of learning technologies across all educational settings.

How will we achieve this goal?

District Professional Learning Opportunities

District professional learning catalog offered 3x per year

Teacher Cohorts

Teacher cohort learning opportunities

Instructional Support

Instructional coaching

External Providers

Coursework and learning from outside providers (i.e. BOCES, NYSCATE)

Conferences

State and national conferences to stay current on educational trends

District Technology Plan | *Curriculum*

Implement innovation-focused learning environments and resources for all students that intentionally align with the New York State Computer Science and Digital Fluency Learning Standards, beginning at the earliest practical grade levels.

How will we achieve this goal?

Vertical Alignment

Vertically align Digital Literacy, current PK-12 electives, and course offerings to the NYSED CSDF Standards.

Assessment Checkpoints

Develop common assessment checkpoints to evaluate the progression of skills.

Resource Investment

Invest in appropriate hardware, software and curricular resources.

District Technology Plan | *Artificial Intelligence*

The district will strategically explore, evaluate, and implement emerging technologies, with a focused emphasis on Artificial Intelligence, to enhance teaching, learning, and operational efficiency.

Build staff and student capacity to effectively use AI tools and ensure adoption aligns with district priorities, ethical standards, and measurable outcomes for student success

How will we achieve this goal?

Strategic AI Integration

Strategically explore, evaluate, and implement AI technologies to enhance teaching, learning, and operational efficiency while ensuring alignment with district priorities and ethical standards.

Capacity & Infrastructure

Support student AI literacy, ensure reliable infrastructure and access, and continuously evaluate, monitor, measure, and refine outcomes for student success.

Professional Learning Opportunities

Offer targeted professional learning, including AI Teacher Cohorts and collaborative book studies to build staff capacity.

What We're Watching

Artificial Intelligence & Regulation

- State and federal guidance around the use of AI in schools continues to evolve.
- Some states and cities have implemented bans in K-8 (e.g., New York City and Los Angeles).

Screen Time Limits & 1:1 Devices

- Growing attention and guidance from the American Academy of Pediatrics (AAP) about appropriate technology use, screen time, and student wellness may influence future guidance and practice.
- NYSED has discussed screen time limits and NYC has implemented them.



What We're Watching



NY Inspires

- New York State's continued focus on the Portrait of a Graduate, project-based learning, and multiple pathways to graduation may influence how we think about technology, authentic learning experiences, and preparation for life beyond high school.

Student Data Privacy

- Continued evolution of expectations around student data and cybersecurity.

Technology & Curriculum

- The role of technology in teaching and learning continues to shift as new tools emerge.
- Oversaturation of technology tools in post-pandemic classrooms.

Policies & BOE Guidance

- Policies & Board of Education Guidance on emerging educational technology trends, digital citizenship, and instructional standards.

Questions from the Board of Education

The full District Technology Plan (2026-2029) can be viewed at
<https://www.opschools.org/aboutus/district-plans/technology-plan>



Orchard Park Central School District Technology Department