Olean City School District

Technology Plan

July 1, 2026 – June 30, 2029

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Technology Plan URL:

https://www.oleanschools.org/technologydata-privacy/technology/district-technology-plan

Washington West Elementary

East View Elementary

Intermiediate-Middle School

High School

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Introduction:

The Olean City School District is committed to providing its students and staff with the tools to be successful in the future. Part of that is the exposure to and use of various technical devices, software and applications. This plan lays out a blueprint to ensure our district continues its journey to provide those tools and experiences. The hope is that we are preparing our students to enter whatever post-graduation plans they have and can be a productive member of society both locally and globally.

Olean City School District Mission Statement:

The mission of the Olean City School District is to be a student-centered community of excellence in which all members are challenged to learn, achieve, contribute, and innovate.

Olean City School District Vision Statement:

- The Olean City School District will support excellence by holding everyone to high standards in academics, character, extracurriculars, and service.
- Our district will uphold a culture of acceptance, inclusion, and equity for all, while embracing the diversity of our community. We will create and foster a safe and positive climate for our students, staff, and families that is adaptive for the ever-changing needs of society.
- Our students will graduate future-focused, engaged, resilient, and prepared to achieve their goals.
- Our staff will be learner-centered, innovative, inquisitive, professional, and committed to student success.
- Our families will be engaged, collaborative partners in academic success for all.

Description of the Olean City School District:

The Olean City School District is located in a rural setting approximately 75 miles south of Buffalo in Cattaraugus County, in the city of Olean. Olean is a close-knit community and based on current census estimates, has about 13,700 residents. There are 3 colleges/universities (Jamestown Community College – Olean Campus, St. Bonaventure University, and the University of Pittsburgh at Bradford, Pa) with easy access for all the residents of Olean.

The school district is comprised of 5 buildings: 2 elementary (PreK-3) buildings (East View and Washington West) with approximately 700 elementary students enrolled, an intermediate middle school building (Olean Intermediate-Middle School) with approximately 500 students enrolled (grades 4 -7), a high school building (Olean High School) with approximately 650 students enrolled (grade 8-12), and a Professional Learning Center which houses the curriculum, registration and special programs departments. 22 % of the student population are identified as Students with Disabilities. District-wide, free lunches are available to every student through the Community Eligibility Provision program. The demographics of the student population is: American Indian or Alaska Native: <1 %; Asian: 2%; Black or African American: 8 %; Hispanic or Latino: 4%; Native Hawaiian/Other Pacific Islander: <1%; White: 84 %. The Olean City School District graduates around 140 students per year and currently employs a little over 200 teachers. The NYS Common Core Standards are the foundation for every lesson taught in the district. Olean City School District values innovative curriculum and high-quality instruction for our students.

Realizing the increased importance of communication between school and home, the District continues to use Parent Square as a main communication tool. This package has the ability to send messages via email, text, voice calling, and phone app. General posts to large or small groups or direct messages to individuals can be initiated. Emergency notifications can be sent out through this as well, along with permission form sign offs, polls, and other communication tools. The District also continues to utilize a school webpage, which each building has its own daughter element to the main district home page to communicate and share information with homes. Parents are also able to view their child's grades at any time through the Parent Portal section of our

SIS, eSchool.

The Olean City School District hosts a wide variety of community cultural activities: community plays, concerts, Barbershop singers, among other cultural interests. Residents also have ready access to a variety of sporting opportunities including swimming, ice skating, skiing, snowmobiling, camping, hockey, baseball, soccer and football games. There are many natural areas within a short drive of Olean including Pfeiffer Nature Center, Allegany State Park, and Letchworth State Park.

Olean City School District also works in partnership with the Community Schools. Community Schools has a variety of programs (Adult Education, Liberty Partnership (assistance to students at risk of dropping out), AmeriCorps, Summer Star Program, and “Summer in the Park” (providing activates to area children in Oak Hill Park). Workstations for Community Schools staff are provided through grants obtained through Community Schools and meet the standards set by the district. Participants in these programs have access to district equipment and applications. Community Schools is provided with technology support services. Additional partnerships that the district has with surrounding organizations include Head Start (UPK), Cutco (tutoring of elementary students by Cutco employees), St. Bonaventure University (student teachers and student interns, Arts in Education and STEM Enrichment Program), Reality Check through Roswell Park Cancer Institute, Lutheran Social Services (foster grandparent program in elementary buildings), and YMCA of Twin Tiers (Extended School Day Program, Community Partnership, and Advantage After School Program), the Olean Public Library, Dream It Do It, and Intandem, for which the district provided internship opportunities for their clients.

Members of the Technology Plan Committee:

Jenny Bilotta	District Business Administrator
Shana Bebko	Washington West Teacher
Dan Brown	OHS Teacher
Rich DiMartino	OIMS Assistant Principal
Marc Friends	District Technology Coordinator
Jennifer Kless	Director of Curriculum and Instruction
David Lasky	Teacher on Special Assignment – Technology Integration Specialist
Jennifer Mahar	District of Special Programs
Michael Martel	Director of Technology
Genelle Morris	Superintendent
Michelle Robinson	Washington West Teacher
Ryan Talbot	Olean Intermediate Middle School 6th Grade Teacher
Art Wentz	Olean Intermediate Middle School Special Education Teacher

District Technology Goals

- All students and staff will be provided with the technology tools and be educated in the use of these tools in order to be a positive member of modern society.

- Infrastructure and student/staff devices will be updated on a rotating schedule to provide current technology options.

- Technology will be utilized to increase communication and efficiency between the District and the school community.

NYSED Initiative Alignment

The Olean School District's Instructional Technology Plan outlines a sustained strategy to raise student achievement and academic standards while ensuring equitable learning opportunities for all students—"everywhere, all the time". This work is driven by targeted investments in infrastructure, professional capacity, and high-quality instructional resources. Partnerships with BOCES and vendors further support professional development and fiscally responsible resource procurement.

Technology is embedded across teaching and learning through personalized, accessible curriculum delivery. Digital Content and Digital Fluency emphasize the use of high-quality digital content, enabling students to demonstrate learning through diverse learning experiences. Our curriculum offers multiple pathways for engagement and access, supporting students with disabilities, English Language Learners, and economically disadvantaged students.

Wi-Fi access closes the homework gap through expanded connectivity and mobile Wi-Fi. Hardware improvement ensures long-term sustainability with a consistent 1:1 device replacement cycle and reliable infrastructure

Curriculum

To facilitate meeting the 21st Century learning skills of communication and collaboration, the District has achieved a 1-to-1device initiative and will move forward with a continuous cycle of replacement. Depending on budget availability in any given year, one or two grades of students are replenished with new laptops and certain grades at the elementary level refreshed with new iPads. Teachers are expanding the use our Digital Learn Platforms: SeeSaw and MS TEAMS for posting assignments and videos, discussion questions, and as a place for student collaboration. Olean uses the Distance Learning COSER through CA BOCES and participates in collaborative video conference opportunities.

The District uses and disaggregates assessment data to drive instruction at all grade levels and subject areas. Teachers work in teams, subject areas and individually to disaggregate and review data from the NYS Assessments, local testing data and student performance. This data is used to plan, differentiate, and align instruction with our curriculum to assist students in achieving learning goals. AIS services are provided as required by NYSED. The District utilizes web-based programs such as Data Warehouse, Renaissance Learning Star Assessments, and Branching Minds to obtain the data necessary to drive instruction. The OCSD is in the process of updating curriculum maps to align with new NYS initiatives in the Science of Reading and best practices in mathematics instruction. Maps for K-7 are available on a district-wide shared drive for all teachers to access and maps for 8-12 are located on the high school web pages. The District is also utilizing NY Learns, a curriculum management system that will house all curriculum maps as well as provide lesson planning tools.

The District offers several specialized curricula to our high school students. Project Lead the Way courses are currently offered, two of which are available for students before school so that students enrolled in these can also participate in the full course offerings available to all students during the regular school day. With the addition of Adobe Creative Cloud which provides access to software such as Adobe Photoshop and Illustrator on student laptops, the high school Art Department is able to offer graphic arts classes that depend heavily on this cloud-based software package to complete design projects. In addition, there are Business Classes with the following course offerings for students: Accounting, Careers and Financial Management, Sports and Entertainment Marketing, and Keyboarding/Word Processing. Intro to Computer Science is also offered in our high school. In the high school, Technology

Education utilizes the Microsoft Office Suite along with Stop Motion, Clipchamp and Tinkercad. Kurzweil is available in two Test Accommodations labs (one in the high school and one in the intermediate-middle school), as well as a web-based application for use by students who need tests or texts read to them. District programming classes use a variety of software including the JASON Project… Alice 3.0, Scratch and HTML/CSS programming. Additionally, the District utilizes Hummingbird Robotics, Sphero Bolt and indi, iRobots, Makey Makey, Dash, and Dot, along with 3D printers.

With the NYSED Science of Reading Initiative, all students and their families have access to digital books through OverDrive e-libraries. Most textbooks used in the district ae also accessible online through seat licenses for each student.

Professional Development

Meeting the learning styles/needs of our digital natives is a must for our students. One of the District's Technology Plan's goals is to integrate newer technology and digital resources into instruction. Olean City School District will continue with the process of replacing the new technologies (iPads for PK - 3 graders and the laptops students in grades 4 – 12 for students and instructional staff. Staff members have embraced the use of online tools and applications to enhance the learning experiences for the students. Professional development will continue as the District meets the goals of having students and staff using technology to participate and succeed in a connected, digital world, and providing all students and staff with equitable access to digital resources to enhance learning experiences. Staff will continue to integrate this new technology into the curriculum.

The District strives to meet the needs of staff members through a range of professional development strategies. Professional Development Days have technology skills development strands. Model Schools/CSLO staff and the District Technology Integration Specialist TOSA provide the initial training sessions and the much-needed classroom support. New teachers receive mentoring and assistance with learning and integrating the building technologies into their instruction. Grade levels and departments meet to review best practices for how a new piece of technology or a web-based application is integrated into the curriculum. The District Teacher on Special Assignment (TOSA) as a Technology Integration Specialist works one-on-one and with small groups of staff on learning new technologies/resources and perfecting the use of existing technologies; integrating the new with current curriculum; and moving the district toward a blended learning model.

The District's Technology Mission/Vision is to complement the learning environment and to promote the learning and use of the latest technology. We believe that the use of technology should be an integral part of instructional practices. This will be accomplished with integration and access to technological resources by all members of the school community. The District will push forward with the NYS Computer Science and Digital Fluency Standards and plan on integrating these into PK-12 classrooms to ensure that instructional and administrative staff have the necessary skills to support teaching, learning, and creation in a technology-enriched environment.

Olean City School District's objective for technology-related professional development is to continue to provide quality, targeted training, and support for the educators on the integration of newer technologies into their curriculum. The District also provides the tools and training needed for administrative support staff to perform their duties effectively. Olean has adopted the NYSUT Rubric for use as the evaluative tools in teacher evaluations for the district APPR. The NYSUT Rubric references 21st Century technology skills. New York Teacher Standard I.6 (Indicator A) evaluate teachers on their understanding of technology literacy. Olean's Professional Development Plan has identified technology integration into instruction as a strategy for educators to help meet the New York State Learning Standards.

The following models of professional development are available for educators:

Five Professional Development Days per year (In-service days)

- Technology training is a component of these days. The training available correlates with components of the technology needs as indicated by instructional staff.
- CSLO days available through Western NY Regional Information Center with the following options:
    - Technology Integration Workshops
    - Attending Regional 3 Day Workshops
    - Working in small groups with WNYRIC staff on the continuing development of technology skills and integration of new technologies into the curriculum.
    - Attending after-school technology training/integration sessions
- Model Schools days available through Cattaraugus – Allegany – Erie – Wyoming BOCES with the following options:
    - Attending CA-BOCES offered technology workshops.
    - Working in small groups with CA- BOCES staff on continuing development of technology skills and the integration of new technologies into the curriculum.
- Attending after-school technology training/integration sessions.
- Collaborating with CA-BOCES staff to model lessons rich in technology.
- Summer Professional Development opportunities (in the district and through CSLO and Model Schools).
- Cattaraugus-Allegany Teacher Center professional development opportunities.

- After school technology skills learning / enhancement opportunities.
- On-line professional development, on-line video tutorials and webinars, and tutorials available on the district intranet.
- Technology Integration training/modeling and support by the district Teacher on Special Assignment Technology Integration Specialist.

Technology and Students with Disabilities/ELL Students

Olean City School district has a very proactive Pupil Services department and student-centered teachers who use available devices and digital resources with our students with disabilities to support their individualized learning needs.

Technology devices such as iPads are provided for student and teacher use in grades K-3 with student- specific apps (i.e. Overdrive/Sora and Reading Eggs apps have audiobooks available for students with reading delays. With the district subscription to the Renaissance Learning Suite is connected our Star Reading Testing application. We also utilize Accelerated Reader and myOn, all of which have leveled content available in iPads and laptops. The district purchases Apps for the iPads for students with disabilities as requested by the Director of Pupil Services.

The district has moved into the direction of purchasing online publisher textbooks with audio when available. Textbooks with audio allow students to adjust the pace of the text being read to them. If books are not available digitally, the district uses Kurzweil Firefly to read scanned textbooks and reading materials to students. Kurzweil Firefly is also used by students with disabilities to read websites and scanned documents (included exams) to them. Study Island differentiates for students by skills, standards and grade level. Additionally, Office 365 also provides Immersive Reader to our non-readers thus allowing students to have the text read to them when using Office 365.

Files are created or scanned and shared digitally with students through Office 365 and Kurzweil for use by students as needed. Scaffolding support is provided by teachers and aides. Visual aids are provided through the use of videos (Discovery Learning and staff created videos) to provide more detailed instruction for students that need it or for students that need repeated exposure to develop the understanding needed, and graphic organizers created either online or using Microsoft Word are made available to students to help student in categorizing information or for making connections between information.

Proloqui2go and Touch Chat are used for non-verbal or limited verbal students as apps that aid in talking.

Smartboards and interactive touch panels are used as an instructional tool to keep the students tactilely engaged in their learning process. Boom Cards used for speech in some classrooms in conjunction with the aforementioned boards/touch panels. Speech to text in 0365 and text to speech using Kurzweil

web-based version called FireFly are both available to students with disabilities to use as needed. There are two testing accommodation labs in the district available for students that need extended time, test read accommodations or other testing accommodations as specified on their IEP.

To accommodate visual issues the district has the following available to students: Zoom Text; for online testing, the change of background colors, the zooming of text, the masking of questions, similar to the CBT browser, Nextera, are made available as needed for student use. Microsoft allows students to increase font size, change the color and font, as well as bold the text for ease of reading. Individual videos on the web for extra instruction for students who need to hear the information more than once or visually.

To provide support for ELL students the district can provide the following technologies to students:

- IPads and laptops with translation Apps.
- Office 365 has the app, Translate, that will translate text into numerous languages.
- The district web site provides translation options to students and their families.
- The district is also able to secure the services of an ELL teacher through our local BOCES as needed.

Funding and Budget Component

The Information Technology Services Department coordinates all technology related funding. Much of the technology funding is used to purchase services through Erie 1 BOCES and Cattaraugus-Allegany BOCES which have proven to be a cost-effective way of meeting the needs of the district. New rules in place allowing state aided hardware, software, and textbook money to be combined to use for hardware, software or textbooks has lessened the strain of being able to upgrade technology in the district.

- BOCES Services includes funding for a variety of administrative technology services that are budgeted for by the district. These services include nVision, Library Automation, Digital Content, Distance Learning, Data Warehouse, IEP Direct, Frontline, Web page hosting and creation using Finalsite, SIF services, Networks services, and Telecommunications as well as other support services.

BOCES Services	
2026-2027	$ 1,462,123
2027-2028	$ 1,476,744
2028-2029	$ 1,491,512

- Professional Development funding for staff development remains a critical component to the Olean City School District for the continued integration and implementation of technology throughout the District. Technology Professional Development is coordinated through four different funding sources: Title 2D grants, Title VI grants, Erie 1 CSLO participation and Cattaraugus-Allegany BOCES Model School participation, the Cattaraugus- Allegany Teacher Center and the addition of a Teacher on Special Assignment for Technology Integration.

Professional Development	
2026-2027	$ 297,407
2027-2028	$ 278,402
2028-2029	$ 263,405

- Hardware Funding is utilized to purchase new technologies and to upgrade and replace current technologies that have reached their end-of-life cycle in the classroom as well as for administrative purposes. Olean has an ongoing replacement cycle for district teacher /administrative workstations. When feasible usable workstations are rolled down into classrooms for pods of workstations. As the district continues with the 1:1 initiative of student devices, replacement of the devices has become part of the replacement cycle. The district is exiting a 3-year lease with Erie1 for 36 networked high speed copiers/printers and looking to continue that partnership.

Hardware	
2026-2027	$ 472,816
2027-2028	$ 462,816
2028-2029	$ 451,113

- Local Software Funding is used to continue the support of instructional excellence of the district. The district continues to standardization software applications on all instructional workstations and to purchase web-based services. Software purchase request are channeled through the technology department. When a new application or web-based service is requested, a committee structure is utilized to evaluate and make recommendations for the new software or web-based purchase and ensure that it is EDLAW 2D compliant. The overarching objective for recommendations for purchase is how the software will impact student learning and how does it align to the standards and the curriculum.

Software	
2026-2027	$ 37,172
2027-2028	$ 37,000
2028-2029	$ 36,489

The district utilizes several software components through Erie 1: nVision (for payroll, human resources, and purchases), eSchool Data (student information system), Mosaic (for use in the cafeteria- management system), MS Outlook (email service), IEP Direct (for web based Special Education management), Data Warehouse (to analyze student and assessment data), Lightspeed Relay Content Filtering (for compliance with CIPA), the Microsoft EES service (to install the most recent versions of Office and server software), and Finalsite (Web page creation) Through Media Services from CA BOCES staff and students have access to a wide range of digital content that include distance learning opportunities, digital video content, and on-line databases. As new SIF agents become available for Administrative the district will purchase these agents to ensure SIF Compliance and application interoperability. Software funding is also utilized to renew yearly software licensing such as Project Lead the Way and on-line access to sites such as Turnitin.com, Castle Learning, Planbook, etc.

- Technical Support and Maintenance is another area that the district budgets for on an annual basis.

  Currently there is a Director of Technology, a Technology Coordinator, a Keyboard Specialist/Inventory Control/Help Desk/Basic Troubleshooter, 2 full-time computer technical support staff for the district, and support from Erie 1 BOCES (5 days of full time Microcomputer Technical Support Specialist). There are maintenance contracts (through Erie 1) for all the Erie 1 equipment and software in the district.

	Technical Support	**Technical Maintenance**
2026-2027	$ 543,644	$ 136,976
2027-2028	$ 565,390	$ 135,774
2028-2029	$ 589,419	$ 134,668

Technology Plan Monitoring and Evaluation Component

The district technology goals will be monitored and evaluated by the Technology Committee using data collected through the following:

- Funds allocated to 1:1 devices in our Erie 1 budget have been expended
- Accounts in Office 365 created for students
- Online account login data retrieved through ClassLink
- Inventory database reflects devices assigned to students
- Closed Help Desk tickets
- Pre and post survey results on Digital Literacy
- District budget expenditures
- Increase in technical computer days reflected by budgetary increases for Erie 1 BOCES
- Data collected from Frontline on professional Development opportunities attended by teachers
- TOSA reporting data on classroom support
- Grade level/ Dept. level meeting agendas reflect sharing of best practices
- Minutes of PD committee reflect the review of PD plan
- Review of minutes of Technology Committee reflect adoption of Learning Management System