
Westfield Academy and Central School



**203 East Main Street
Westfield, NY 14787**

District Website: wacs.wnyric.org

Technology Plan: <http://wacs.wnyric.org/Page/1718>

Technology Plan

July 2018 - June 2021

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Vision and Goals

Executive Summary

A Technology Plan Committee from the Westfield Central School District developed this Technology Plan to be implemented over the next three years to assist in fulfilling the mission of the School District. The Plan addresses the needs associated with the integration of technology into teaching, learning, administrative elements and platforms necessary for successful implementation.

The District has had continued involvement with the Western New York Regional Information Center (WNYRIC) at Erie 1 BOCES (Board of Cooperative Educational Services) for administration and student functions. This plan seeks to expand upon this configuration through a networking system allowing greater opportunities for teachers and students.

The training and support of staff members is an important goal of the Plan and funding is recommended to assist in the accomplishment of this crucial aspect of the Plan.

The Technology Planning committee recommends that the District:

- Implement this three-year Plan to purchase necessary software and hardware to expand the district's infrastructure and update classroom equipment.
- Continually evaluate and modify the curriculum to support our students in ascertaining crucial technological skills necessary to be successful in the twenty-first century in conjunction with the New York State Learning Standards and the Every Student Succeeds Act (ESSA).
- Provide training for District personnel in the use of technology and its integration into the curriculum.
- Ensure the sustainability of the Plan through increased technology support.
- Monitor the Plan on an on-going basis to ensure a successful implementation.

The focus of the Technology Plan is student achievement. The Technology Planning Committee believes that the implementation of this Plan is necessary to enhance our effectiveness as educators and provide an educational program that is both meaningful and student-driven.

Introduction

The educational community of the Westfield Central School District recognizes the importance of producing technologically competent students. Our students will be able to actively seek information, analyze and evaluate data, make decisions, and solve problems. They will effectively use productivity tools that will allow them to communicate, collaborate, publish and produce high quality work. As a result, our students will become informed, responsible, and contributing citizens in an innovative world.

According to the International Society for Technology in Education (ISTE):

"Today's students must be prepared to thrive in a constantly evolving technological landscape."

The District Technology Plan uses ISTE Student Standards to enable students to become:

- Empowered Learners
- Digital Citizens
- Knowledge Constructors
- Innovative Designers
- Computational Thinkers
- Creative Communicators
- Global Collaborators

The Board of Education continues to support the recommendations made by the Technology Committee to bring the advantages of current technology to our students. The committee has found that devoted financial support is crucial to updating instructional technology in our District. This financial support includes budgeted District funds as well as funding provided through the approved Smart Schools Bond Act. Continued staff development programs will also assist in producing a technology capable school community. A District-wide commitment of time and funding is essential to this process.

The following pages present the District Technology Plan for the Westfield Central School District. After many hours of discussion and planning, the Technology Committee agrees that the following framework should be used as a blueprint for technology in our school system. The committee's expectation is that the implementation of this plan will assist our students in becoming prepared for success in college, career, and citizenship.

Methodology

The Westfield Central School District is committed to excellence in educational programs for all students. Therefore, it is essential that we prepare our students to succeed in a technological society requiring collaboration, higher-order thinking, and communication skills.

We strongly believe that skilled teachers, with the thoughtful incorporation of technology throughout the curriculum, can achieve this goal effectively. The District Technology Committee works to complete the Action Plans stated in the District's Technology Plan.

Currently, the methodology is as follows:

- Research the newest educational technology available
- Renewal of the Technology Plan as required by Erie 1 BOCES and NYSED (State Education Department)
- Continued support of the Technology Plan by the Board of Education
- Annual review of Action Plans stated in the Technology Plan by the District's Technology Planning Committee to ensure sustainability.

Strategic Technology Planning

District Mission

"With a commitment to excellence, Westfield Academy and Central School, in partnership with the community, will educate all students to the highest level of their academic potentials, teaching them the skills and knowledge to become capable and responsible members of society. We will provide all students with a range of challenging educational opportunities in a safe, supportive environment that fosters honesty, integrity and respect for self and others."

Technology Mission and Vision

The Technology Mission and Vision of the Westfield Central School District is to:

- Ensure that all students and staff become technologically literate to prepare them for the working world of the future
- Create an environment which will continue to foster individualized, cooperative student-centered learning
- Fully integrate technology into the curriculum
- Provide a mandatory, comprehensive, on-going staff development program
- Provide equitable distribution and access to current technology
- Provide fully networked classrooms with access to integrated video and computer based learning systems
- Provide access, through networked systems, to state-wide, national and global resources
- Develop a partnership with businesses and the community for implementation and application of technology
- Provide sufficient funds, in cooperation with the Board of Education, for the implementation of technology in all phases of school operation

Action Plan Goals

1. Continue with our 1-1 device implementation plan for students (NYSED Goal: Increase equitable access to high-quality digital resources and standards-based technology-rich learning experiences)
2. Continue to update equipment in the school and the building's infrastructure (for example, but not limited to, networks, switches, and servers) (NYSED Goal: Design, implement, and sustain a robust, secure network to ensure sufficient, reliable high-speed connectivity for learners, educators, and leaders)
3. Implement a learning management system (NYSED Goal: Provide technology-enhanced, culturally- and linguistically-responsive learning environments to support improved teaching and learning)
4. Increase technical support for the school community (NYSED Goal: Develop a strategic vision and goals to support student achievement and engagement through the seamless integration of technology into teaching and learning)
5. Provide robust professional development to support technology rich teaching and learning (NYSED Goal: Provide access to relevant and rigorous professional development to ensure educators and leaders are proficient in the integration of learning technologies)

Action Plan Implementation

Committee tri-annually evaluates the progress of the Action Plan with the support of the Board of Education. Upon implementation, this will target all student populations.

Committee Members

The committee consists of District administrators, teachers, parents, community members and support staff. This provides for involvement and contribution by the school community and the community at large in the planning, implementation and assessment of the technology plan. The committee will meet on a triannual basis.

- Elementary School Representatives: Mrs. Clamp, Ms. O'Neil, and Ms. Flegal
- Middle School Representatives: Ms. Alonge and Mr. Knappenberger
- High School Representatives: Mr. Huber and Mr. Stokes
- District Superintendent: Mr. Davison
- Business Representatives: Mrs. Hauenstein
- Director of Curriculum: Mrs. Anderson
- District Technology Coordinator: Ms. Manzella
- Library Media Specialist: Ms. Zastrow
- Technical Support Specialist: Mr. Shain
- Elementary Principal/Director of Special Education: Dr. Rockey
- Secondary School Principal/Coordinator of Title I: Mrs. Hite
- District Business Manager: Mrs. Murphy
- Parent Representatives: Participants vary yearly
- Four High School Student Representatives: Participants vary yearly



Technology Committee Meetings and Outcomes

The Technology Committee meets at least three times annually. District needs, technology goals, and the effective implementation of technology are discussed at these meetings. Outcomes of recent meetings include the following:

- Reviewed and evaluated the Action Plan goals stated in the 2015-2018 Technology Plan
- Assessed District's technical, application, management, and support needs
- Evaluated various equipment including but not limited to: laptops, Chromebooks, document cameras, interactive boards, carts/carriers, and protective cases
- Researched and planned the 1-1 implementation and management plan for grades 5-12
- Developed and received BOE approval for the Smart Schools Implementation Plan (SSIP); submitted the plan for SED approval; received approval; purchased equipment
- Surveyed the District's Professional Development needs to provide the necessary skills for effective implementation and integration of technology
- Brainstormed, developed, and agreed upon the action plan goals
- Planned and developed the Technology Plan for the years 2018-2021

Professional Development

Professional development (PD) aligns with our district's Professional Development Plan and Smart Schools Investment Plan. One of our district PD goals, as stated in our PD plan, is to continue the infusion of technology into classroom instruction and student learning throughout all grade levels. Initial training will include the basics of the laptop devices and digital conversion of instructional curriculum using cloud services and/or a learning management system (LMS). During the school year some of the district's PD will focus on technology tools and skills that teachers can utilize for instruction with all students. Additional training will take place through Erie1's Common Set of Learning Objectives (CSLO) technology professional development, Erie2 BOCES Integrated Education Services (IES), and within the district. Training may be offered in person, as well as online through webinars. Staff are encouraged to attend these trainings and attendance is supported by administration. Staff have been surveyed concerning their professional development needs, preferred times of trainings and willingness to share/turnkey train colleagues. We will continue to survey staff throughout the process. Goals for staff with regard to the use of technological devices to increase student achievement include:

- Familiarity with online applications and assessment tools
- Development of technology integrated curriculum in classrooms using NY state standards
- Integration of coursework into a Learning Management System (LMS)
- Pedagogical awareness of technology best practices
- Utilization of cloud services
- Improved internal and external communication with students and families
- Continued use of interactive whiteboards and classroom techniques
- Awareness of strategies to foster digital citizenship among students

To realize these goals, the district will continue participation in BOCES and Model School CoSers, and utilize resources available in-house.

Instructional Technology Goals Measurement and Evaluation

The instructional technology goals will be measured and evaluated during and after implementation using the following rubrics.

**Westfield Academy and Central School
Technology Plan Evaluation Rubric
Years 2018-21**

Goal Objectives to be Evaluated	No Progress	Some Progress	Progress Details	100% Completed
Goal 1: Continue with our 1-1 Device Implementation Plan				
Planning 2018/19				
Budgeting 2018/19				
Purchasing 2018/19				
Implementation 2018/19				
Planning 2019/20				
Budgeting 2019/20				
Purchasing 2019/20				
Implementation 2019/20				
Planning 2020/21				
Budgeting 2020/21				
Purchasing 2020/21				
Implementation 2020/21				

Goal Objectives to be Evaluated	No Progress	Some Progress	Progress Details	100% Completed
Goal 2: Continue to update equipment in the school and the building's infrastructure (including, but not limited to, networks, switches, and servers)				
Planning 2018/19				
Budgeting 2018/19				
Purchasing 2018/19				
Installation 2018/19				
Planning 2019/20				
Budgeting 2019/20				
Purchasing 2019/20				
Installation 2019/20				
Planning 2020/21				
Budgeting 2020/21				
Purchasing 2020/21				
Installation 2020/21				



Goal Objectives to be Evaluated	No Progress	Some Progress	Progress Details	100% Completed
Goal 3: Implement a Learning Management System (LMS)				
Budgeting 2018/19				
Professional Development 2018/19				
Implementation 2018/19				
Budgeting 2019/20				
Professional Development 2019/20				
Implementation 2019/20				
Budgeting 2020/21				
Professional Development 2020/21				
Implementation 2020/21				

Goal Objectives to be Evaluated	No Progress	Some Progress	Progress Details	100% Completed
Goal 4: Increase Technical Support for School Community				
Planning 2018/19				
Budgeting 2018/19				
Approval 2018/19				
Staffing 2018/19				
Evaluation 2018/19				
Planning 2019/20				
Budgeting 2019/20				
Approval 2019/20				
Staffing 2019/20				
Evaluation 2019/20				
Planning 2020/21				
Budgeting 2020/21				
Approval 2020/21				
Staffing 2020/21				
Evaluation 2020/21				



Goal Objectives to be Evaluated	No Progress	Some Progress	Progress Details	100% Completed
Goal 5: Provide Robust Professional Development to Support Technology Rich Teaching and Learning				
Planning 2018/19				
Budgeting 2018/19				
Professional Development 2018/19				
Implementation 2018/19				
Evaluation 2018/19				
Planning 2019/20				
Budgeting 2019/20				
Professional Development 2019/20				
Implementation 2019/20				
Evaluation 2019/20				
Planning 2020/21				
Budgeting 2020/21				
Professional Development 2020/21				
Implementation 2020/21				
Evaluation 2020/21				



Action Plan

Goal 1: Continue with our 1-1 device implementation plan for students

(NYSED Goal: Increase equitable access to high-quality digital resources and standards-based, technology-rich learning experiences)

	Action Step	Action Step-Description	Responsible Stakeholder	Anticipated month of completion	Anticipated year of completion	Anticipated Cost
1	Planning	Determines needs, select devices, develop time table, assess PD needs	Technology Committee and Director of Technology	June (06)	2018	\$0.00
2	Budgeting	Budget for the determined cost of equipment and PD needs	Director of Technology, Business Official and Superintendent	June (06)	2018	\$258,212.00
3	Purchasing	Obtain quotes, process requisitions and POs, order equipment	Director of Technology and Business Official	June (06)	2018	\$0.00
4	Implementation	Process and inventory equipment, deploy services, provide PD	Curriculum and Instruction Leaders	June (06)	2018	\$0.00



Goal 2: Continue to update equipment in the school and the building's infrastructure (for example, but not limited to, networks, switches and servers)

NYSED Goal: Design, implement and sustain a robust, secure network to ensure sufficient, reliable high-speed connectivity for learners, educators and leaders)

	Action Step	Action Step-Description	Responsible Stakeholder	Anticipated month of completion	Anticipated year of completion	Anticipated Cost
1	Planning	Determines network needs	Technology Committee and Director of Technology	June (06)	2021	\$0.00
2	Budgeting	Budget for the determined cost of equipment and installation	Director of Technology, Business Official, Superintendent	June (06)	2021	\$555,280.00
3	Purchasing	Obtain quotes, process requisitions, and POs, and secure installation labor	Director of Technology and Business Official	June (06)	2021	\$0.00
4	Installation	Process inventory, install and setup equipment	Technical Staff Installers	June (06)	2021	\$0.00

Goal 3: Implementing a learning management system

(NYSED Goal: Provide technology enhanced, culturally- and linguistically-responsive learning environments to support teaching and learning)

	Action Step	Action Step-Description	Responsible Stakeholder	Anticipated month of completion	Anticipated year of completion	Anticipated Cost
1	Budgeting	Budget for annual renewal fees	Director of Technology, Business Official, Superintendent	June (06)	2021	\$20,025.00
2	Professional Development	Provide professional development supporting the use of the LMS	Curriculum and Instruction Leaders	June (06)	2021	\$0.00
3	Implementation	Foster LMS usage for grades PreK-12	All Staff	June (06)	2021	\$0.00



Goal 4: Increase technical support for the school community

(NYSED Goal: Develop a strategic vision and goals to support student achievement and engagement through the seamless integration of technology into teaching and learning)

	Action Step	Action Step-Description	Responsible Stakeholder	Anticipated month of completion	Anticipated year of completion	Anticipated Cost
1	Planning	Determine needs due to the increased amount of technology in the district	Technology Committee and Director of Technology	June (06)	2021	\$0.00
2	Budgeting	Budget for additional technical staffing salaries and services	Director of Technology, Business Official and Superintendent	June (06)	2021	\$585,150.00
3	Approval	Superintendent and Board of Education approval	Superintendent	June (06)	2021	\$0.00
4	Staffing	Hired approved staff increases	Superintendent	June (06)	2021	\$0.00
5	Evaluation	Reassess staffing needs	Technology Committee and Director of Technology	June (06)	2021	\$0.00



Goal 5: Provide a robust professional development to support technology rich teaching and learning

(NYSED Goal: Provide access to relevant and rigorous professional development to ensure educators and leaders are proficient in the integration of learning)

	Action Step	Action Step-Description	Responsible Stakeholder	Anticipated month of completion	Anticipated year of completion	Anticipated Cost
1	Planning	Determine district wide PD needs and requirements	Curriculum and Instruction Leaders	June (06)	2021	\$0.00
2	Budgeting	Budget for annual PD service renewal fees	Director of Technology, Business Official and Superintendent	June (06)	2021	\$36,900.00
2	Professional Development	Schedule and offer PD opportunities for all staff	Curriculum and Instruction Leaders	June (06)	2021	\$0.00
3	Implementation	Staff proficiently integrates learning and technologies into their curricular and instruction	All Staff	June (06)	2021	\$0.00
4	Evaluation	Reassess the PD needs of the staff	Curriculum and Instruction Leaders	June (06)	2021	\$0.00

NYSED Initiatives Alignment

The District's Technology Plan continues to align with the New York State Learning Standards and the [International Society for Technology in Education \(ISTE\) Standards](#). Westfield Academy and Central School is dedicated to meeting the requirements of the [Every Student Succeeds Act](#). Educators are integrating technology into the curriculum utilizing online and digital resources.

Standards Attainment and Student Performance Improvement

Westfield Central School is committed to rigorous academic standards attainment and performance improvement for students. Instructional Technology promotes strong student academic achievement. Technology integration into the curriculum is vital to student success. This strategy will further develop critical thinking skills and prepare students for success in college, career, and citizenship. The Learning Management System, Schoology, will encourage the use of district resources and applications in conjunction with our 1:1 initiative. Thoughtful progress monitoring by the involved stakeholders will ensure rigorous educational opportunities are benefiting students.



Differentiated Learning for Students with Disabilities

Technology allows for the natural differentiation of classroom instruction. Students with disabilities will be served through the use of instructional technology as well as assistive technology devices and services to ensure access to and participation in the general curriculum. Once our 1:1 initiative is fully implemented, students in grades 5-12 will have been assigned their own devices, which will be individualized with tools to help students with disabilities or language barriers. Students in grades PreK-4 will have access to computers in their classrooms with the same capabilities. Additionally, operating system (OS) accessibility modes (reading/speech capabilities, high contrast mode, screen magnification, etc.) will be utilized and add-on accessories used where needed (i.e. document scanners, adaptive keyboards/pointing devices). The touch screen feature will provide another form of access for students with disabilities. The Schoology platform will allow all stakeholders including teachers, classroom support staff, parents, and students to readily access instructional materials and assignments. The platform also provides the ability to monitor student growth.

Equitable Access for Students with Disabilities

The District utilizes technology to address the needs of Students with Disabilities to ensure equitable access to instruction, materials, and assessments. Examples of this include:

- Class lesson plans, materials, and assignment instructions are available to students and families for “anytime, anywhere” access (such as through class websites or the learning management system)
- Use of technology to provide additional ways to access key content, such as providing videos or other visuals to supplement verbal or written instruction or content
- Text to speech and/or speech to text software used to provide increased support for comprehension of written or verbal language
- Assistive technologies (frequency modulation systems)
- Technology used to increase options for students to demonstrate knowledge and skill
- Learning games and other interactive software used to supplement instruction

Professional Development for Special Education Educators

Professional development will be offered to teachers of Students with Disabilities that will enable them to differentiate learning and to increase their student language and content learning with the use of technology. Examples of this include:

- Methods for enhancing children's vocabulary development with technology
- Selecting and evaluating assistive technology for instructional purposes in the special education classroom
- Using technology to differentiate instruction in the special education classroom
- Using technology to increase options for students with disabilities to demonstrate their knowledge and skills
- Assessing student learning in multiple ways through the use of technology
- Electronic communication and collaboration
- Best practices for integrating technology and curriculum across core content areas

Equitable Access for ELL Learners

English Language Learners/Multilingual learners are provided equitable access to instruction, materials, and assessments in multiple languages. English Language Learners (ELL) develop their academic language skills using technology in the ELL classroom. ELL students need a variety of language experiences. They need to hear, write, speak and read language. Examples of the integration of technology in to our ELL curriculum include:

- Technology is used to provide additional ways to access key content, such as providing videos or other visuals to supplement verbal or written instruction or content
- Text to speech and/or speech to text software is utilized to provide increased support for comprehension of written or verbal language
- Home language dictionaries and translation programs are provided through technology
- Hardware that supports ELL/MLL student learning, such as home-language keyboards, translation pens, and/or interactive whiteboards, is utilized
- Technology is used to increase options for students to demonstrate knowledge and skill, such as through the creation of a product or recording of an oral response
- Learning games and other interactive software are used to supplement instruction

Professional Development for ELL Educators

Professional development will be offered to teachers of English language learners/multilingual learners that will enable them to differentiate learning and to increase their student language and content learning with the use of technology. Examples of this include:

- Reading strategies for English Language Learners
- Moving from learning letters to learning to read
- Using technology to differentiate instruction in the language classroom
- Electronic communication and collaboration
- Integrating technology and curriculum across core content areas

Culturally-Responsive Instruction and Learning Environments

Westfield Academy and Central School uses instructional technology to facilitate culturally-responsive instruction and learning environments using instructional technology to:

- Develop and organize coherent and relevant units, lessons, and learning tasks that build upon students' cultural backgrounds and experiences
- Assist in varying teaching approaches to accommodate diverse learning styles and language proficiencies
- Enable students to communicate and collaborate with students in different schools or districts in New York State, the United States, and different countries
- Facilitate collaborative classroom projects among heterogeneous student groups

Administrative Management Plan

Staff Plan

Currently the District has on staff one full time Technology Coordinator (TOSA), five days of baseLAN Microcomputer Technical support specialist (MCTSS) help contracted through Erie1 BOCES, and two days a month Senior Microcomputer Technical support specialist (SMCTSS) help contracted through Erie1 BOCES.

Below is a table showing our current 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 for teachers.



Title	Full-time Equivalent (FTE)
District Technology Leadership	1.00
Instructional Support	0.00
Technical Support	1.00
Totals:	2.00

To sustain the Action Plans stated in the District Plan, the committee requests to increase the technical support as follows:

- Extend contractual days for current Technology Coordinator
- Technology Integrator
- As needed, Secretarial Assistant
- Increase SMCTSS
- Increase MCTSS
- Full time elementary computer teacher
- Elementary computer aide/assistant

Investment Plan

Expenditures for the years 2018 through 2021 are provided to support the action plans listed. Anticipated costs for the next three years are also provided. There is a three-year projection and plan for the portion of the technology budget devoted to computers, peripherals, installations, Professional Development and the network infrastructure. The District will apply funds in accordance with educational needs and the District Technology Plan.

Westfield Central School attempts to maximize all available sources of funding in support of its Technology Plan. Currently those sources include State Aid, BOCES Aid, No Child Left Behind, SSIP and IDEA Federal Grants and E-Rate funding. Funding is also included annually through our General Fund Budget in support of technology. The District maintains a five-year financial plan and technology is an integral part of that plan.

The following three-year plan is a projection. Please keep in mind that technology advances at a rapid rate and the District cannot foretell what will be available in future years. This plan reflects our current goals and needs but may need to be revised as technology advances.



School Year 2018-2019

<u>Item</u>	<u>Count</u>	<u>Cost/Item</u>	<u>Total/Item</u>
Desktop w/Monitors	90	\$650.00	\$58,500.00
Interactive Boards	34	\$2,120.00	\$72,080.00
Projectors w/Arms	6	\$970.00	\$5,820.00
Document Cameras	32	\$900.00	\$28,800.00
Printers	15	\$300.00	\$4,500.00
Switches	4	\$2,450.00	\$9,800.00
Servers	0	\$4,700.00	\$0.00
Network Equipment Installation Time (hr.)	8	\$125.00	\$1,000.00
Laptops w/cases	258	\$433.00	\$111,714.00
Charging stations	9	\$1,400.00	\$12,600.00
Additional Technical Support (estimated salaries)			\$193,050.00
Schoolology Annual Renewal			\$6,675.00
Professional Development (through Erie1)	3	\$4,050.00	\$12,150.00

School Year 2019-2020

<u>Item</u>	<u>Count</u>	<u>Cost/Item</u>	<u>Total/Item</u>
Desktop w/Monitors	182	\$650.00	\$118,300.00
Interactive Boards	18	\$2,120.00	\$38,160.00
Projectors w/Arms	21	\$970.00	\$20,370.00
Document Cameras	30	\$900.00	\$27,000.00
Printers	20	\$300.00	\$6,000.00
Switches	4	\$2,450.00	\$9,800.00
Servers	3	\$4,700.00	\$14,100.00
Network Equipment Installation Time (hr.)	24	\$125.00	\$3,000.00
Laptops w/cases	62	\$433.00	\$26,846.00
Charging stations	0	\$1,400.00	\$0.00
Additional Technical Support (estimated salaries)			\$195,050.00
Schoolology Annual Renewal			\$6,675.00
Professional Development (through Erie1)	3	\$4,100.00	\$12,300.00



School Year 2020-2021

<u>Item</u>	<u>Count</u>	<u>Cost/Item</u>	<u>Total/Item</u>
Desktop w/Monitors	55	\$650.00	\$35,750.00
Interactive Boards	15	\$2,120.00	\$31,800.00
Projectors w/Arms	15	\$970.00	\$14,550.00
Document Cameras	30	\$900.00	\$27,000.00
Printers	15	\$300.00	\$4,500.00
Switches	3	\$2,450.00	\$7,350.00
Servers	3	\$4,700.00	\$14,100.00
Network Equipment Installation Time (hr.)	24	\$125.00	\$3,000.00
Laptops w/cases	244	\$433.00	\$105,652.00
Charging stations	1	\$1,400.00	\$1,400.00
Additional Technical Support (estimated salaries)			\$197,050.00
Schoology Annual Renewal			\$6,675.00
Professional Development (through Eri1)	3	\$4,150.00	\$12,450.00

Three Year Investment Plan Totals

<u>Item</u>	<u>Three Year Grand Totals</u>
Desktop w/Monitors (Goal 2)	\$212,550.00
Interactive Boards (Goal 2)	\$142,040.00
Projectors w/Arms (Goal 2)	\$40,740.00
Document Cameras (Goal 2)	\$82,800.00
Printers (Goal 2)	\$15,000.00
Switches (Goal 1)	\$26,950.00
Servers (Goal 1)	\$28,200.00
Network Equipment Installation Time (Goal 2)	\$7,000.00
Laptops w/cases (Goal 1)	\$244,212.00
Charging stations (Goal 1)	\$14,000.00
Additional Technical Support (est. salaries) (Goal 4)	\$585,150.00
Schoology Annual Renewal (Goal 3)	\$20,025.00
Professional Development (through Eri1) (Goal 5)	\$36,900.00



Three-year investment plan to support the vision and goals:

Anticipated Item	Estimated Cost	Potential Funding Source
End User Computing Devices	\$456,762.00 One-Time	*BOCES Co-Ser *District Operating Budget *Smart Schools Bond Act
Peripheral Devices	\$294,580.00 One-Time	*BOCES Co-Ser *District Operating Budget *Smart Schools Bond Act
Network and Infrastructure	\$61,150.00 One-Time	*BOCES Co-Ser *District Operating Budget *E-Rate *Smart Schools Bond Act
Staffing	\$585,150.00 Annual	*BOCES Co-Ser *District Operating Budget
Applications	\$17,025.00 Annual	*BOCES Co-Ser *District Operating Budget
Professional Development	\$36,900.00 Annual	*BOCES Co-Ser *District Operating Budget

Additional Resources and Information

Resource	Link or Responsible Party
Public School Website	http://wacs.wnyric.org/
Information Security Designee	Molly Anderson, Director of Curriculum
Information Privacy Designee	Molly Anderson, Director of Curriculum
Education Program for Online Behaviors (cyberbullying, social networking, internet safety)	i-SAFE
District Internet Safety Policy	Policy 8271
District Cyberbullying Policy	Policy 7552
Information Breach Policy	Policy 5672
Parents' Bill of Rights for Data Privacy and Security	Parent's Bill of Rights (est. 2014)



Sharing Innovative Educational Technology Programs

NYSED is exploring a way to facilitate the sharing of district innovative educational technology projects and practices. The following innovative educational technology programs have been implemented for at least two years in the district.

- Active Learning Spaces/Makerspaces
- Culturally Responsive Instruction with Technology
- Device Planning and Implementation (1:1, BYOD)
- Digital Citizenship
- Infrastructure
- OER and Digital Curriculum
- Personalized Learning
- Pilots and Proof of Concept
- Professional Learning
- Project-based Learning
- Distance Learning
- Apex Graduation Credit Recovery

To obtain more information about the innovative programs contact the Curriculum and Instruction Leader.

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