



Port Chester-Rye Union Free School District

2015-2018

INSTRUCTIONAL TECHNOLOGY PLAN

Edward Kliszus, Ph.D. Superintendent

Maura J. McAward, Assistant Superintendent for Business

Joseph Durney, Assistant Superintendent

Jackie Meehan, Senior Facilitator of Educational Technology

District Technology Committee

Title	Name	Building
Assistant Superintendent	Joseph Durney	Central Office
Facilitator/Educational Technology	Jacqueline Meehan	Central Office
Manager Smart Schools Implementation	Carlos Ramirez	BOCES-LHRIC
Teaching Asst on Special Assignment to the CIO	Gaylene Gasparini	Central Office
Principal	Dr. Mitchell Combs	Port Chester High School
Assistant Principal	Luke Sotherden	Port Chester High School
Teacher	Tom Josephson	Port Chester High School
Teacher	Judith Sabol	Port Chester High School
Computer Aide	Edwin Gonzalez	Port Chester High School
Principal	Patrick Swift	Port Chester Middle School
Assistant Principal	Byron Womack	Port Chester Middle School
Teacher	Lynn McTyre	Port Chester Middle School
Computer Aide	Jennifer Detlefs	Port Chester Middle School
Principal	Louis Cuglietto	JFK Elementary School
Teacher	Enrique Tovar	JFK Elementary School
Teacher	Monica Baretto	JFK Elementary School
Teacher	Jennifer Curti	JFK Elementary School
Teacher	Kate Albero	JFK Elementary School
Principal	Sam Ortiz	King Street School
Teacher	Suzanne Rubenstein	King Street School
Computer Aide	Ellen Mutino	King Street School

Principal	Ivan Tolentino	Edison School
Teacher	Barbara Terracciano	Edison School
Principal	Rosa Taylor	Park Avenue School
Teacher on Special Assignment	Elsy Zizolfo	Park Avenue School
Regional Coordinator	Joe Cundari	BOCES
Regional Coordinator	Galit Price	BOCES
Senior Regional Manager of IT	Craig Swanson	BOCES
Senior Regional Manager of IT	Dante Santora	BOCES
Parent	David Thomas	Community
Parent	Philip Mutino	Community

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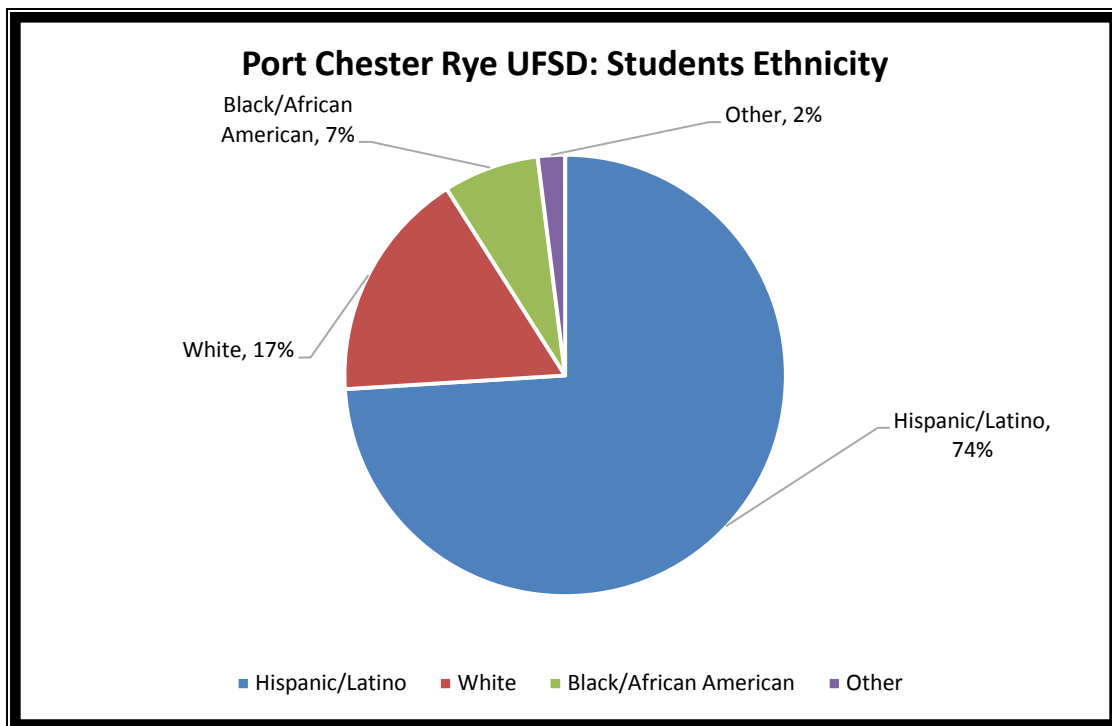
LEA Information

The Port Chester Rye Union Free School district is located in Port Chester NY. The district has six school buildings grades kindergarten through twelve comprised of four elementary, one middle and one high school. The total enrollment of Port Chester Rye UFSD, based on most current NYS BEDS data is 4,512 students attending grades K-12.

A breakdown of student enrollment by grade band is as follows:

GRADE BAND	STUDENT POPULATION
Grades K-2	1,095
Grades 3-5	1,047
Grades 6-8	1,022
Grades 9-12	1,314

The district is a diverse community with a significant population of high needs students. Recent demographic data indicates that approximately 65% of students are economically disadvantaged, 26% of students have limited English proficiency, 11% are students with disabilities and 74% are Hispanic/Latino. (Source: Data reported to NYSED on BEDs day October 2014)



Instructional Technology Vision, Priorities Goals and Objectives

The Port Chester Rye UFSD mission statement is "Success for Every Student".

In order to fulfill its educational mission, our school district has prioritized the following long-term goals:

1. Provide every student with a computing device and connectivity to enable them to access a full range of educational technology tools and learning opportunities.
2. Ensure and provide additional learning opportunities that can be accessed anytime and anywhere.
3. Provide with an educational environment with ubiquitous access to assessment tools and data that will inform teaching and improve learning.
4. Improve teaching and learning; including all students such as English language learners and newcomers to this country; by increasing outreach to parents, the community, and the world.

In order to achieve these goals the district continues to:

- Create leaders at all levels
- Provide online learning for students
- Implement "pedagogy first", "access for all" initiatives
- Provide online learning for teachers
- Infuse data into classroom decision-making
- Converge network applications
- Implement software "virtualization" and remote support tools
- Develop long-term software, hardware and infrastructure acquisition and Fiscal Forecast (see Appendix A)
- Commit to purchasing web-based instructional software
- Support interactive telecommunication technologies
- Implement procedures to clean and maintain all data in district systems
- Implement a security audit to ensure that all data, data systems, and technology as-sets are secure and to ensure disaster recovery capability

To ensure further that the overarching goals are achieved the district has established the following priorities and objectives:

District Leadership Priorities:

Partnerships

- Develop partnerships between schools, higher education, and the community.
- Encourage creative partnerships with the business community.
- Empower students' participation in the planning process

Accountability

- Key Management will be knowledgeable in the use of technology
- Supervisors will be aligned with the goals and direction of the district
- Faculty will be engaged in the development and implementation of technology into the curriculum

Objectives:

1. Provide a leadership development program for administrators and key teacher team leaders (STLE).
2. Develop new opportunities for partnerships with higher education, the community and corporations.
3. Evaluate technology proficiency of personnel.
4. Provide opportunities for staff to develop their leadership skills.

District Access/ e-Learning Priorities:

- Explore creative ways to provide access to the home and community for these new opportunities.
- Web Based Access – research bridging Home-School connection
- Consider 'Access for All' Computing
- Provide students with access to e-Learning.
- Enable teachers to participate in e-Learning training
- Develop quality measures and accreditation standards for e-Learning that mirror those required for course credit.

Objectives:

1. Increase student access to courses via E-Learning
2. Increase student access to school resources by providing remote access.
3. Increase access to computers with the goal of providing every student with the tools they need to engage fully in learning

District Professional Development priorities:

e-Learning

- Ensure that every teacher has the support to take online learning courses.

- Create sharing among teachers through Google Apps for Education Model.

Objectives:

1. Ensure that every teacher has the opportunity to take online courses.
2. Ensure that every teacher has the ability to use data to improve instruction.
3. Develop a PD program that overcomes staff resistance, promotes sharing and mentoring, while keeping staff current and focused on pedagogy.

District Networking priorities:

- Research and pilot new ways to configure the technology infrastructure so maintenance and support costs are reduced.
- Maintain reliable and safe facilities.
- Create regular replacement cycles.

Objectives:

1. Pilot the use of remote desktop support tools
2. Analyze whether converging voice and data will save the district money
3. Implement district network software "virtualization".

District Content Application priorities:

- Consider the costs and benefits of online content, aligned with rigorous state academic standards, as part of a systemic approach to creating resources for students to customize learning to their individual needs.
- Increase Access – Create infrastructure for ubiquitous access to computers and connectivity for every student.
- Facilitate the use of the Virtual Learning Spaces and Electronic Resources through Google Classroom and EChalk.

Objectives:

1. Develop a long-term content acquisition plan and budget (see Appendix A).
2. Adopt online learning and interactive telecommunication technologies.
3. Purchase web based software whenever possible.

District Integration priorities:

- Establish a plan to integrate data systems so that administrators and educators have the information they need to increase efficiency and improve student learning.

- Use data from both administrative and instructional systems to understand relationships between decisions, allocation of resources, and student achievement.
- Use assessment results to inform and differentiate instruction for every child.
- Enhance Data Availability to facilitate interpretation and analysis by staff.
- Facilitate Data Driven Decision Making through the integrated use of technology resources: Data Warehouse / Data mentor; Regents Scanning; IEP Direct; Digital Curriculum Mapping; E-chalk; e-School PLUS SIS, RtI Direct, i-Ready, SRI/SMI and NutriKids Food Service system.

Objectives:

1. Clean and align all data systems within the district.
2. Adopt Data Mentor as a tool for teachers to make instructional decisions.
3. Implement a security audit to insure that all data, systems, and assets are secure.
4. Expand the use of Digital Curriculum Mapping System.
5. Implement a web-based Student Information System (SIS).
6. Maintain a communication notification system.

Online Computer Based Testing Readiness Priorities

- Improve external and internal bandwidth to accommodate testing of large cohorts of students
- Provide and expand wireless mobile devices and infrastructure to support devices in classrooms as the instructional centers and desired computer based testing locations
- Ensure appropriate device replacement and refreshment program for student instructional computers for testing
- Ensure students and staff are prepared for testing conditions and environments

Objectives:

1. Pursue and obtain a managed fiber network for the district
2. Create ubiquitous wireless environments in all schools
3. Use various purchasing programs to obtain necessary hardware and testing devices
4. Implement a technology literacy program for students and PD for staff

Instructional Technology Plan Development

The Port Chester Union Free School District continued development of its strategic technology plan in the 2015-16 school year by implementing the recommendation of the Technology Committee composed of district administrators, teachers, and other staff who established a continuous and expansive vision of the role of technology in improving teaching and learning. The Committee met on a regular basis to articulate strategies that will be used to achieve our school district's vision. Pursuant to development of the Technology Plan, Technology Committee meetings are conducted on several dates throughout each year (see appendix B for Technology Committee meeting dates).

The committee sought the input of the staff and students in a variety of ways, including school building level technology committees, and comprehensive stakeholder surveys. In addition, the committee solicited the expertise of the Lower Hudson Regional Information Center (LHRIC) to ensure that Instructional Technology best practices were "front and center" in the plan (see appendix B for meeting dates).

The planning committee realizes that Professional Development and effective leadership are essential to the success of the instructional technology plan and made numerous recommendations in this regard and therefore regularly interacted with the Professional Development Committee (see appendix B for meeting dates).

During the process of coordinated planning and discourse between the technology committee and the professional development committee, it was clear that an explicit instructional technology professional development program was required. In our survey, 87% of our teachers felt that technology enhances learning opportunities and their daily life as educators and about 60% of our teachers conveyed they use foundational skills in technology in their classrooms. In order to facilitate the integration of technology for instruction and promote a culture of professional growth an annual professional development program was created whereby a turn-key training model would be implemented in school year 2015-16.

The Technology committee believes that great strides have been made over the years in constructing a plan that ensures readiness for 21st century teaching, learning and assessment.

Technology and Infrastructure Inventory

The district currently has 1,885 instructional computing devices (laptops and desktops). Of these devices, the district has 595 laptops, and 692 desktops computers that are less than five years old. District computing devices are typically replaced and refreshed via Installment Purchasing Agreement programs. However, the anticipated need for a significant additional number of computers for computer based testing will present a challenge that our typical purchasing program cannot address. A new computer acquisition program will be required and it is anticipated the Smart School Bond Act will facilitate funding to attend to this need in conjunction with maximizing eRate Category 2 funding.

Fortunately, the district has sufficient networking technology infrastructure to address the need for additional computer acquisition. The district recently completed a 10-gigabyte star dual core mesh managed fiber project upgrade. The district currently uses 60mbps incoming to district (WAN) bandwidth, with 10gbps Internal Bandwidth between schools (WAN), and 1gbps bandwidth within school buildings.

In addition, the district has recently completed wireless network infrastructure upgrade projects at the High School and Middle School and similar projects are underway at all elementary schools with an anticipated Fall 2015 completion date.

The special education department has identified the district needs to ensure provision of improved access to technologies for students with disabilities which will require that we allocate human resources to manage aligning assistive technologies and software applications to student's individualized educational plans. This professional and technical resource would be responsible for performing Assistive Technology needs Assessments on an individual and classroom basis. In addition to the identification of "software application -Apps", as well as hardware and other software that will assist teachers in providing accommodations to the general education curriculum, this professional/technical resource would provide training to staff and parents. The challenge of funding this need must be addressed via 2016-17 general budget development planning.

Software and IT Support

District Support:

Leadership

Joseph Durney – Assistant Superintendent

Jackie Meehan – Facilitator/Instructional Technology

LHRIC Support

Technical Support

Jorge Rohena – Senior Network Engineer

Leo Ramkissoon – Network Specialist

Sergy Camilo – Jr. Network Specialist

Jeff Tascio – Jr. Network Specialist

Salvatore Salanitro – Project Manager

Greg DiRubbio – Senior Network Specialist

Dante Santora – Network Technology Consultant

Galit Price – Regional Coordinator

Curriculum and Instruction

Port Chester has a diverse population, including 28% of our students who are English Language Learners. We commit to providing every student with access to a computing device and connectivity to take advantage of a full range of educational technology tools and opportunities for learning available under the guidance of our classroom staff.

Our survey of teachers shown that at least 35% of the teachers use essential skills for contribution and collaboration via online resources and the web. 61% of teachers found using multimedia and rich content easy to use in the classroom to support instruction and learning. Through technology, teachers are empowered to benchmark and track student progress in real time, which provides immediate feedback in a variety of areas to make efficient instructional decisions right away or as early as the next class, providing with a more focused attention to learning and acquisition of knowledge for all students. This timeliness effectively improves the educational experience for both students and teachers; learners receive the most relevant and focused instruction we are able to provide and teachers receive valuable data to check on understanding and learning

After assessment, we differentiate instruction with flexible needs-based grouping, and determine what level of interventions individual students require in ELA and Math. Software programs allow us to provide time on task in the areas that children need most, with targeted and adaptive re-teaching, review, and practice, aligned to the Common Core Standards. Students make gains and enjoy the learning process. Any struggle and/or frustration are greatly reduced and teaching and learning opportunities are increased.

We acknowledge that technology cannot replace quality teachers. However, teachers are far more effective with the right tools, applications, and resources at their disposal. This allows for a greater understanding of their students' capabilities, and improves work efficiency and effective collaboration through the sharing of resources such as lesson plans and student work samples. Classroom web pages are made to communicate with parents and students, as well as highlight student work through portfolios. Technology increases our communication ability, and helps us be better educators overall.

Professional Development

The district encourages and provides ongoing professional development for teachers on the use of the most current instructional technologies for teaching/learning. These professional development opportunities include but are not limited to:

Using Smart Board Technologies for classroom instruction,
Google Applications for Education, such as Google Classroom,
Student Management Systems including Parent Portal access,
Data Driven Instructional Technologies,
Computer Based Student Learning Software, Technology Literacy Software,
Internet Based Instructional Assessment Programs,
SIFE Literacy,
The Talking Web,
Read180,
Achieve 3000,
etc. (See Appendix C for examples of Professional Development programs).

The district provides teacher with multiple formats for training and professional development including regional workshops offered via the Model Schools Program at the Lower Hudson Regional Information Center, Coaching model in the classroom, webinars and resources via the web. However, the most important component for our professional development is our teachers pursuit of professional growth and constant learning to provide for a richer experience when delivering content and promoting learning in their classrooms.

The School districts works in coordination with school building leadership to ensure teachers have the tools and resources they need to impact instruction and provide the best education for our children.

Technology Investment Plan and Status of Technology Initiatives

The district has invested and continues to invest in technology resources and assets to increase student and teacher access to technology, in school, at home, and in the community. The following are current technological assets

- Approximately 2000 networked instructional and administrative workstations
- LAN and WAN providing inter and intra district connectivity (see Appendix D)
- Digital Student Information Services capability
- Electronic Communication Software Programs for Students and Community
- Strategic and Pervasive Electronic Whiteboard Implementation Program
- Electronic Support peripherals (scanners, video cameras etc)
- Interactive telecommunication technologies capability
- Dedicated Centralized Control Center of Operations and Maintenance
- Multiple Mobile Wireless Laptop Carts and Devices
- Wide Range of K-12 Software applications to support learning in all content areas
- Ongoing Professional Development Initiatives in Technology
- Variety of Administrative Software Applications for Staff Data Management
- District Distance and ELearning Initiatives and Programs
- Strategic Planning for School Wireless Network Environment
- Introduction of Elementary School Wireless Network Environment
- TLS Internet Service to all buildings
- Web Based Private Network Resource Capability for District Leadership
- Virtualized Server Environments with Redundant Capacity and Storage Area Networks

Instructional Technology Plan Implementation

The implementation of the instructional technology plan is ongoing. In the Spring of 2015, the district contracted with the Lower Hudson Regional Information Center (LHRIC) to install ubiquitous wireless capacity at Port Chester High School and Port Chester Middle School. Concurrently a contract for a managed fiber network (MFN) was initiated and completed in July 2015. In August 2015, essential server and switch replacements with necessary cabling will be completed to optimize use of the MFN. During July and August of 2015, all elementary schools are being cabled for ubiquitous wireless access. Upon completion of the elementary wireless network cabling, all related infrastructure (access points, switches etc) will be installed. It is anticipated that by October 1, 2015 all district schools will have secure, controlled ubiquitous wireless capacity supported by a MFN. This will enable the use of mobile devices in all schools as a tool for academic instruction and assessment for all student populations with the appropriate connectivity and broadband capabilities

In the 2014-15 school year, the district piloted a Google Apps for Education (GAfE) Initiative at Port Chester Middle School as a means to provide tools for students to improve academic achievement. In July of 2015, with the experience of having executed this pilot, the district conducted a GAfE training institute for a cohort of teachers who will provide a 'train the trainer model' district-wide in 2015-16 and going forward. A district Professional Development calendar has been created to allow this 'turn-key' GAfE training to take place in all grade levels. In 2016-17, the district plans to employ new staff who will be certified GAfE facilitators to continue work with teachers on use of the program. The district also plans to continue building capacity in the staff during summer of 2016-17 via additional Summer GAfE training institutes.

In July of 2015, the district obtained 85 chrome books via RTTT funds from NYSED and integrated via LHRIC resources. These chrome books will be allocated to schools as part of the aforementioned 2015-16 GAfE initiative for use by teachers and students. In the fall of 2015, the district plans to apply for Smart Schools Bond Investment Plan funding to allow for purchase of additional mobile devices. As a result, the district plans to purchase 1,125 mobile devices in 2016-17, and approximately 400 mobile devices in 2017-18 for instructional and computer based testing purposes (see appendix A for long-term purchasing plans).

Monitoring and Evaluation

The district will continue to convene a district and building level technology committee, a professional development committee and technology operations meetings to review, monitor and make recommendations for implementation of the Technology Plan. The district also will continue to ensure the Internet Safety/Cyberbullying Policy will be reviewed and updated as needed. The district continues to implement a staff and student Acceptable Use Policy, and the Parents Bill of Rights is posted on the district website.

The district will also continue to consult regularly with LHRIC resources to ensure effective implementation of the plan. It is anticipated that we will implement an annual stakeholder survey at the mid-point of every school year. Additionally we will continue to administer an annual technology literacy assessment for students, and cross-reference the results of this assessment with other academic assessments. The aforementioned committees and resources to allow for appropriate modification of technology plans will analyze this data. The Instructional Technology Plan will become a live document updated as needed as we continue implementation of our district mission, vision and goals for teaching and learning using technology.

Appendix A

Year 1 2015- 2016	Year 2 2016- 2017	Year 3 2017- 2018	Year 4 2018- 2019	Year 5 2019- 2020	Year 6 2020- 2021	Year 7 2021- 2022	Year 8 2022- 2023	Year 9 2023- 2024	Year 10 2024- 2025
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Revenue Needs

SMART BONDS Allocation \$1,736,663
 General Fund
 eRate Category II
 iTech for Professional Development

	0	0	263,179	561,356	912,128	0	0	0	0	0
	1,760,873	1,676,022	1,682,628	1,689,266	1,695,937	1,702,642	1,709,380	1,716,152	1,722,958	1,729,797
		500,000				733,925				
Total	1,760,873	2,176,022	1,945,807	2,250,622	2,608,065	2,436,567	1,709,380	1,716,152	1,722,958	1,729,797

Expenditures Estimates

Acquisition (Refreshment) Instructional End User Devices
 Installation of Wi-Fi Access
 SMART BOARD Refreshment
 Infrastructure (Closet Electronics, Servers, Switches)
 Cabling
 Project Management
 Software / Licensing
 Instructional Staff
 Professional Development (Employee Salaries)
 Professional Development (BOCES Bundles)
 Professional Development (BOCES Vendors)
 Professional Development (Non-BOCES Vendors)
 Support (Network)
 Hardware/Maintenance
 Infrastructure Costs (internet)
 Voice over IP
 "Take Home Your Device" Insurance
 Safety net

	59,950	337,500	120,000	288,750	288,900	288,900	288,900	288,900	288,900	288,900
	260,000	0	0	0	334,400	286,000	0	0	0	367,840
	0	301,500	0	0	0	0	0	0	0	0
	50,000	100,000	150,000	200,000	250,000	250,000	250,000	250,000	250,000	250,000
	145,860	0	40,000	40,000	140,000	140,000	40,000	40,000	40,000	100,000
	51,016	73,900	27,000	48,875	87,330	82,490	53,890	53,890	53,890	90,674
	332,961	349,609	367,089	385,444	404,716	424,952	446,199	468,509	491,935	516,531
	0	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000
	0	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000
	46,423	48,745	51,182	53,741	56,428	59,249	62,212	65,322	68,588	72,018
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	542,732	569,869	598,362	628,280	659,694	692,679	727,313	763,678	801,862	841,955
	104,707	109,942	115,439	121,211	127,272	133,635	140,317	147,333	154,699	162,434
	137,627	144,509	151,734	159,321	167,287	175,651	184,434	193,656	203,338	213,505
	0	0	200,000	200,000	200,000	200,000	200,000	200,000	200,000	0
	0	0	0	0	0	0	0	0	0	0
	29,597	15,450	0	0	0	0	0	0	0	0
Total	1,760,873	2,176,023	1,945,806	2,250,622	2,841,027	2,858,556	2,518,265	2,596,288	2,678,213	3,028,858

Surplus (Deficit) 0 0 0 0 -232,961 -421,989 -808,885 -880,137 -955,256 1,299,061

Appendix B

2014-15 Technology Committee Meetings

September 15, 2014
November 17, 2014
January 12, 2015
March 9, 2015
May 11, 2015

2014-15 Technology Operations Meetings

September 9, 2014
September 17, 2014
October 2, 2014
October 16, 2014
November 12, 2014
November 25, 2014
December 10, 2014
December 22, 2014
January 7, 2015
January 19, 2015
February 12, 2015
March 1, 2015
March 18, 2015
April 19, 2015
April 15, 2015
April 28, 2015
May 13, 2015
May 27, 2015
June 1, 2015
June 11, 2015
June 23, 2015

LHRIC Planning Meetings

November 13, 2014
January 7, 2015
January 15, 2015
January 22, 2015
February 5, 2015
February 12, 2015
February 13, 2015
February 27, 2015
March 16, 2015
March 26, 2015
April 6, 2015
April 27, 2015
April 29, 2015
May 1, 2015

May 5, 2015
May 20, 2015
June 4, 2015
June 17, 2015
June 25, 2015
July 7, 2015
July 21, 2015

**Professional Development Committee meetings related to
Technology Planning**

September 11, 2014
October 23, 2014
November 13, 2014
December 11, 2014
January 15, 2015
February 26, 2015
March 12, 2015
April 9, 2015
June 11, 2015

Appendix C

PD Offered to Teachers and Staff to Support Technology to Enhance Teaching and Learning

Topic/Title	Audience	Delivery Method
Interactive Whiteboard Training - Teq Equipment	Teachers	In Person Workshop
<p>Summary - Usability 102 Explore your interactive whiteboard software and its interactive capabilities in detail. Explore and add content from the browser, use drawing and editing tools to create customized interactive pages, and utilize links to create and manage efficient and engaging activities on your interactive whiteboard. In this session, participants will see multiple examples of how interactive whiteboard basic tools and techniques can be used to create effective lessons. Usability 102b Discover the more advanced design tools within your interactive whiteboard software. Explore the features available within the browsers that allow more dynamic content to be added to lesson plans. Learn how to integrate tools and discover how to reach more learners by inserting sound files, creating screen recordings, importing images, and much more. Usability 103 Learn sophisticated techniques that will help you realize the full potential of the interactive whiteboard software and allow you to transform the learning environment in your classroom. Take a detailed look at the interactive whiteboard browser and explore some of its advanced tools and techniques. Teachers will learn how to customize settings within the software to fit both your personal teaching style and to meet the needs of learners. This course is customized for your interactive whiteboard platform.</p>		

Topic/Title	Audience	Delivery Method
E-chalk to Google Migration	Teachers and Staff	In Person Workshop
Summary - Export My eChalk Contacts and Import Contacts into Google Gmail		

Topic/Title	Audience	Delivery Method
GAFE	Teachers	In Person Workshop TurnKey Training
Summary - Prepare a cohort of self-selected individuals (from all buildings) to deliver face and "virtual" professional development/support to colleagues in transition to GAFE; working under the coaching of LHRIC Google Certified Trainers, participants will be endorsed as Port Chester GAFE Support Team		

Topic/Title	Audience	Delivery Method
Success Maker Professional Development	Teachers	In Person Workshop
Summary - Several options are offered/proposed to the building during the implementation/planning phase: Admin Meeting, Data Import Student Import/Enrollment, Workshops, Coaching, Data Analysis, Report Running, Site Visits, Product Overviews, Customizing Courses, Superintendent's Conference Day, Remote Support, Monitoring Progress/Alerts, Program Management, Program Management		

Topic/Title	Audience	Delivery Method
SuccessMaker - SM7 Data Analysis -PCMS	Teachers and Administrators	In Person Workshop
Summary - Participants learn how to generate various reports from Teacher's Dashboard with the goal of utilizing information gathered to inform future instructional decisions.		

Topic/Title	Audience	Delivery Method
Credit Recovery/Accrual for SIFE: Technology Options	Teachers	In Person Workshop
<p>Summary - Participants will be able to identify features of technology-based credit recovery/accrual programs for SIFE. Using the two programs presented, teachers will become knowledgeable about technology-based credit recovery/accrual programs for SIFE.</p>		

Topic/Title	Audience	Delivery Method
Personalized Literacy for SIFE: Using Technology as an Option	Teachers	In Person Workshop
<p>Summary - Participants will be able to identify the features of a personalized SIFE literacy program through technology; understand how technology can be used to support struggling readers; and use the features described by iLit (Inspire Literacy) to become more knowledgeable consumers of technology solutions for SIFE</p>		

Topic/Title	Audience	Delivery Method
Smartboard: The Bootcamp (SMART Institute)	Teachers	In Person Workshop
<p>Summary - Designed specifically for novice user immediately start using their SMART Board effectively as a means to support their lessons, and invite higher levels of student participation with content.</p>		

Topic/Title	Audience	Delivery Method
SMART Notebook 101	Teachers	In Person Workshop
<p>Summary - Designed specifically for teachers who are comfortable using the SMART Board, but have not yet explored the depths of Notebook software as a canvas for lesson design and orchestration of digital content.</p>		

Topic/Title	Audience	Delivery Method
Using Microsoft Excel in the Classroom	Teachers	Online Course
<p>Summary - Learn how to use Microsoft Excel in your classroom for both the teaching and learning process. Teachers learn how to create many useful documents for students and the classroom. Exciting classroom activities using Excel will also be shared. Activities have an emphasis in mathematics. Content uses Excel 2010 for Windows.</p>		

Topic/Title	Audience	Delivery Method
Summarize and Analyze Data Using Microsoft Excel 2007/2010/2013 Pivot Tables	Teachers and Staff	In Person Workshop
<p>Summary - In this one-day class, participants will create and use a PivotTable to generate and quickly extract meaningful information from a data list. Because it summarizes, filters, and sorts all at once, pivot tables give you quick answers to questions about your database, i.e., How many male/female students does each teacher have in each grade? By rearranging or rotating the parts of the table around the data, you can organize and analyze your data on the fly in order to view your data from different perspectives. Pivot tables let you drill down and see detail or create a summary report. Prerequisites are Intermediate Microsoft Excel 2007/2010/2013, and a strong working knowledge of Microsoft Excel at the intermediate level.</p>		

Topic/Title	Audience	Delivery Method
Advanced Microsoft Excel 2007/2010/2013	Teachers and Staff	In Person Workshop
<p>In a two-day course, participants will streamline workflow by adding data validation criteria and creating and editing macros to automate repetitive tasks. Students will also learn to collaborate with others users by sharing a workbook, tracking changes and merging workbooks. In addition participants will work with formula auditing tools; create a data list outline; protect files; import and export data; use What-If Analysis options; and create trend lines, spark lines and scenarios. Techniques for working with multiple workbooks such as: creating a workspace; consolidating data; and linking cells in different workbooks will also be covered.</p>		

Topic/Title	Audience	Delivery Method
Using Microsoft PowerPoint in the Classroom	Teachers	Online Course
<p>Summary - This course focuses on how to use Microsoft PowerPoint 2010 in the classroom for instructional purposes. The course teaches educators how to use various functions in the ribbon to create effective presentations and classroom activities. The functions include inserting graphics, animation, audio, and video. Additionally, strategies on how to design and manage student multimedia projects are discussed.</p>		

Topic/Title	Audience	Delivery Method
Read 180 PD	Teachers	In Person Workshop
<p>Introduce participants to the program components, management systems, and research-based instructional model. Provide educators with a depth of knowledge to explore their classroom data to inform day-to-day differentiated instruction. Provide a deep dive in the features and functionality of the Teacher and Leadership Dashboards</p>		

Topic/Title	Audience	Delivery Method
Achieve 3000 PD	Teachers	In Person Workshop
<p>Summary- Achieve3000 professional learning is delivered through an innovative, customizable, cross-curricular program that gives teachers the support to meet students' needs — and school and district goals. Just as importantly, it is designed to "touch" educators often, equipping them with rich, ongoing support at all times. Interactive, small-group workshops across a broad range of topics; Classroom modeling where an Achieve product demonstrates instructional strategies with students One-on-one and team coaching and consulting sessions tailored to your specific needs, including developing reading strategies for English language learners, creating teacher community learning groups, identifying school and teacher strengths and limitations, and more</p>		

Topic/Title	Audience	Delivery Method
Clarity Data Discovery: Information and Working Session	Administrators	In Person Workshop
<p>Summary - Self assessment training on the use and implementation of instructional technology.</p>		

Topic/Title	Audience	Delivery Method
e-School Plus	Teachers and Staff	In Person Workshop
<p>Summary - Knowledge from this training will lead to a better understanding of how eSchool Plus is used in the district. E.G., attendance, gradebook, homework assignments, parent/guardian communication.</p>		

Topic/Title	Audience	Delivery Method
My Learning Plan	Teachers and Staff	In Person Workshop
Summary - MyLearningPlan, (Professional Development Management System) offers fast and easy planning, tracking, and evaluation of all forms of professional learning in one comprehensive online system. Teaching staff are taught how to access their accounts, catalogs, forms and manage their profiles.		

Topic/Title	Audience	Delivery Method
Network Login	Teachers and Staff	In Person Workshop
Summary - Staff members are taught how to login to the Novell Network. Participants use a username and password to access the network and take a tour of home and shared network directories.		

Topic/Title	Audience	Delivery Method
AESOP	Teachers and Staff	In Person Workshop
Summary - Staff are taught how to access Aesop, the substitute placement and absence management service using an ID and PIN to login to their accounts via the internet or telephone system.		

Topic/Title	Audience	Delivery Method
eChalk	Teachers and Staff	In Person Workshop
Summary - Teachers are taught how to create share and use standards-aligned lesson plans, organize and manage each student's schoolwork, interests and activities, coordinate and promote groups, departments and professional learning communities, and communicate with parents and the community 24/7, via web, email and safe social networking.		

Topic/Title	Audience	Delivery Method
Action Plan + (Tribal)	Administrators	In Person Workshop
<p>Summary - ActionPlan+ is an online tool that helps drive and manage school improvement across a district through an enhanced process of evidence-based self-review. ActionPlan+ facilitates the integration of data analysis into self-review process, and supports stakeholders in schools and at district, level to easily plan and monitor targeted improvement actions. The system is structured to provide tiered accountability and transparency from district level through schools to individuals, adding rigor to the evaluation and improvement process and facilitating best practice sharing where it is needed most.</p>		

Topic/Title	Audience	Delivery Method
The Talking Web	Teachers	In Person Workshop
<p>Summary - How can the web aid the classroom teacher in assessing speech and language? Participants will be actively engaged and motivated in the entire speaking process, and using technology can help build their confidence. Participants will learn the benefits of using free web tools to assess student's speaking ability such as rate and fluency. Participants explore sites and resources such as Voki, Blabberize and VoiceThread.</p>		

Topic/Title	Audience	Delivery Method
TLI - TECH Summit 2014	Administration	Conference
<p>Summary - an opportunity to see and learn about the latest in educational technology. There will be many opportunities to network with district technology leaders from around the region. TLI service participation is required by your district.</p>		

Topic/Title	Audience	Delivery Method
Learning.com (Easy Tech/Tech Assessment)	Teachers and Staff	In Person and Online Workshops
Summary - Equip students with critical skills including keyboarding, word processing, digital citizenship, and online safety, as well as media and information literacy skills. Reliably tests students' grasp of 21st century skills, including technology operations, creativity, innovation, information fluency, critical thinking, decision making, and digital citizenship to inform instruction.		

Appendix D

