HOLMDEL TOWNSHIP PUBLIC SCHOOLS

2013 - 2016

THREE YEAR TECHNOLOGY PLAN

Mary Beth Currie
Assistant Superintendent,
Curriculum and Instruction

Mrs. Barbara Duncan
Superintendent
of Schools

Mr. Anthony Gattini
Director of Technology

NJ Department of Education
District/Nonpublic School/ Charter School
Three-Year Educational Technology Plan Checklist

To comply with the E-Rate program, complete the components associated with the unshaded boxes in the REQ'D BY E-RATE column. Completion of other components are recommended but not required. Submission procedures found here:

DIRECTIONS: Place a check ☑ in the unshaded **COMPLETED** column when the **TASK** has been completed.

TASK	Completed	
	Req'd by E-Rate	Not req'd E-Rate
DATE: Provide your educational technology plan's creation date (the date when the technology plan first contained all of the required elements in sufficient detail to support the products and services requested on the Form 470). (http://www.usac.org/sl/applicants/step01/default.aspx) **Tech Plan creation date**: ___MAY 28, 2013___		

DIRECTIONS:
- Answers to questions regarding e-rate compliance:
  http://www.usac.org/_res/documents/sl/pdf/handouts/TechPlan_QuestionstoConsider.pdf
- Address the numbered items below in a separate District/Nonpublic School/Charter School educational technology plan document.
- Indicate in the *PAGE #* column, the page number where the corresponding information is found.
- For purposes of this document, "educators" are defined as school staff who teach children, including librarians and media specialists.
- Sample table templates are provided (see links embedded in this document) to assist in the development of the educational technology plan. Please use these table templates unless information is already in a digital form.
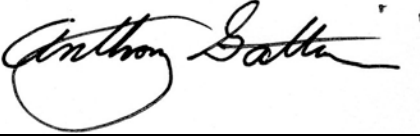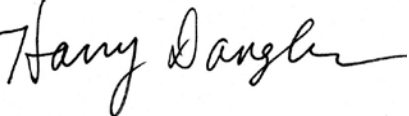
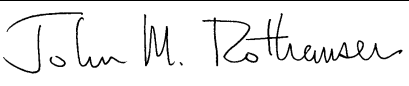|	Indicate in the unshaded spaces the page number where the corresponding information is found	
	Req'd by E-Rate	Not req'd by E-Rate
TECHNOLOGY INVENTORY: 1. Describe the technology inventory <u>needed to improve</u> student academic achievement in the 2013-2014 school year that informs the basis for the Form 470. Include in the description the internal connections and basic maintenance *for 12 months of the e-rate funded year*, such as the following areas: a) Technology equipment including assistive technologies b) Networking capacity c) Filtering method d) Software used for curricular support and filtering e) Technology maintenance and support f) Telecommunications equipment and services g) Other services **NOTE:** If this plan is intended to be used for three years of E-Rate funding, provide anticipated inventory information for all three years. See Inventory Sample Table. Definitions of items eligible for e-rate discounts: http://www.usac.org/sl/applicants/beforeyoubegin/eligible-services/default.aspx	11-13	
NEEDS ASSESSMENT: 2. Describe the needs assessment process that was used to identify the necessary telecommunication services, hardware, software, and other services to improve education.	14 36-57	

	Indicate in the unshaded spaces the page number where the corresponding information is found	
	Req'd by E-Rate	Not req'd by E-Rate
THREE-YEAR GOALS: **3.** List clear goals for 2013-2016 that address district needs. There must be strong connections between the proposed physical infrastructure (bandwidth, cabling, electrical systems, networks) and goals. Include goals for using telecommunications and technology that support 21st century learning communities. E-Rate requirements: www.ecfr.gov	15-16	

THREE-YEAR IMPLEMENTATION AND STRATEGIES TABLE:
 	
4. Describe the realistic implementation strategies to improve education.   Include in the description the timeline, person responsible and documentation (or evidence) that will prove the activity occurred. Address only 'a' and 'b' below to meet e-rate requirements. Address all areas below to continue planning for a technology-rich learning environment.
    a.   telecommunications,
    b.   information technology,
	17-22	

c. educational technology (including assistive technologies), and		
d. student technology readiness in preparation for online testing in 2014-2015.		
PROFESSIONAL DEVELOPMENT STRATEGIES: Professional Development Sample Table 5. Professional development strategies should ensure that staff (teachers, school library media personnel and administrators) knows how to effectively use the technologies described in this plan to improve education, and will continue to support identified needs through 2016. *Address only 'a' below to meet e-rate requirements. Address all areas below to continue planning for a technology-rich learning environment.* Describe the planned professional development strategies by addressing each of the following questions: a) How will ongoing, sustained professional development be provided to all educators, (including administrators) that increases effective use of technology in all learning environments, models 21st century skills, and demonstrate learning experiences through global outreach and collaboration in the classroom or library media center?	23-25	
b) What professional development opportunities, resources and support (online or in person) exist for technical staff?		25
c) How will professional development be provided to educators on the application of assistive technologies to support educating all students?		25
EVALUATION PLAN: 6. Describe the evaluation process that enables the progress and effectiveness of goals to be monitored.	26-28	
7. Describe the process to make mid-course corrections in response to new developments and opportunities as they arise.	26-28	
FUNDING PLAN (July 2013 – June 2014): 8. Provide the anticipated costs for **2013-2014** by source of funds (federal, state, local and other) and include expenses such as hardware/software, digital curricula including NIMAS compliance, upgrades and other services including print media that will be needed to achieve the goals of this plan. Allow specific provisions for interoperability among components of such technologies to successfully achieve the goals of this plan.		29-30

Three-Year Local School Districts/Charter Schools Technology Plan
(2013-2016)

COMMITTEE MEMBERS

Title	Name	Signature
Assistant Superintendent, Curriculum & Instruction	Mrs. Mary Beth Currie	
Director of Technology	Mr. Anthony Gattini	
Grade K-3 Teacher	Mr. Harry Dangler	
Grade K-6 Technology Coach	Mrs. Caren MacConnell	
Grade 4-6 Teacher	Mrs. Chantal Simonelli	
Grade 4-6 Teacher	Mr. Michael Welter	
Grade 7-8 Media Specialist	Mr. John Rothauser	
Grade 7-8 Teacher	Mr. Steven Tetreault	
Grade 9-12 Teacher	Mr. James Gelpke	
Network Engineer	Mr. Steven Lelivelt	

Executive Summary

FOREWORD

The Holmdel Township School District, in its commitment to educational excellence, has combined the work of previous technology committees and a newly formed committee to formulate a multi-year technology plan. The plan conveys our mission statement and implementation timelines in order to achieve not only the Common Core States Standards (CCSS), but also long-term educational goals. It will be a road map of the necessary technology to allow the Holmdel Township Public Schools and its students to excel in the twenty-first century.

Our primary intent is to provide equitable access to technology and instructional tools in order to enable students to become lifelong learners. It is our desire to help faculty fulfill the state technology standards, and to help faculty and students take full advantage of technology to continue to improve student outcomes. This will be accomplished by providing dynamic technological education programs to our faculty and students in partnership with parents, the community, business, and industry.

The district spends about 1.96% of its $52,600,000 annual district operating budget on our technology initiatives, salaries, benefits and lease obligations, but we feel that it is one of the most important aspects our district can focus on, to improve the education of our students. In addition to improving student outcomes, the broad adoption of the recommendations in this plan will save the district money by increasing efficiency and communication, and potentially reducing costs on some of the districts consumables.

The district believes in conserving energy wherever possible. By utilizing Windows 7 advanced power management capabilities, PCs during periods of inactivity can be put into sleep mode consuming 3 watts or less or shut down completely by manual and automated methods at the end of each school day. This results in dramatic energy savings approaching $100,000 annually. Server and desktop virtualization save additional energy reduce cooling costs, and extend the life of our equipment. Larger computer lab, media center or departmental laser printers capable of double-sided printing saves reams of paper. Networked school photocopier/scanners allow a single hard-copy document to be digitized and distributed electronically, further reducing paper and toner costs. With the emergence and maturation of cloud computing, the district will continue to drive costs down in the future by migrating storage and applications from servers traditionally owned, housed and maintained within the district, to offsite web-based service providers.

District Technology Philosophy

The Holmdel Township School District is committed to providing its students and staff with technology as it relates to the district's fundamental goals. Specifically, the district believes that technology can be an effective tool across the disciplines in developing students' skills in framing questions for investigation, acquiring information, analyzing and synthesizing data, and presenting results. The district further believes that technology should be seen not as an end in itself, but as a tool for intellectual, social, and skill development and that thoughtful and long-lasting understanding is achieved more by what students do than by what they hear. The district, therefore, accepts as part of its mission an imperative to provide its students with sequenced opportunities to develop technological competencies, to help students view technology as a useful tool in solving real-world problems and to encourage students to place knowledge and themselves in a global context.

The Holmdel Township school community has long come to realize that it is no longer enough to prepare students for the basic literacy skills of the past decade. Information and telecommunications technologies have reshaped every aspect of today's learning and working environments. We realize that we must use those tools of technology to foster the development of critical thinking skills, communication and problem-solving skills and the ability to work cooperatively. We believe that continued integration of technology in the curriculum is a vital element in the success of all students. By utilizing technology as a tool to support the curriculum, the quality of instruction and learning is enhanced. Technology will make teaching more productive. A learning climate will be created in which the real world will enter the school environment. Distance learning will be encouraged to provide both teachers and students with greatly enriched educational options, while eliminating barriers of time, geography, physical limitations and lack of local expertise.

In order to review and revise the existing technology plan, the district surveyed both staff and students and convened a Committee comprised of teaching staff from all schools, administrators, and a member of the community. In the process of developing the new technology plan, the committee identified several basic assumptions, which form the foundation for this document:

> **Technology is not an independent curriculum area. The technology plan must be compatible with the present and future needs of the curriculum.**
> **Teachers are key to the successful implementation of this plan. Ongoing teacher training in the educational uses of current technologies is critical.**
> **Teachers will utilize technological tools to expand and enrich learning opportunities for students.**
> **The district continues its commitment to stay current with advances in technology and to upgrade technology on an on-going basis.**
> **The implementation of all aspects of the plan will be accompanied by an annual assessment of the needs and will, therefore, be flexible and dynamic, responding to new developments in technology.**

Over the past few years, the district has made a major commitment to create the capacity for instructional change by investing in computers and related technologies as well as a district-wide networking infrastructure. In addition, a major focus of the district's future activities will be the development of a comprehensive and all-inclusive staff development program. Continuous commitment to a comprehensive staff development program is critical to the success of this technology plan. Teachers will be given substantial training, support and time to integrate technology into their curricula in order to enhance the learning experiences of all students.

We recognize the direct correlation between pedagogy, assessment and technology integration. This connection will form the foundation for our comprehensive professional development program. While we realize that the development of discrete technical skills is a prerequisite for professional staff, we also believe it is both possible and desirable to address those issues in the context of valuable instructional experiences for students.

Because we believe that truly transformational use of technology will encourage inquiry-based, problem-solving, and reflective approaches, our program will emphasize the use of those teaching techniques for professional staff. Information literacy should be integrated into the teaching of K-12 curricula whenever appropriate. Participants will be asked to consider what it is that they want their students to know or be able to do, and how the use of technology can help to achieve those goals.

The wisdom of such an approach is verified by both the spirit and specifics of Common Core States Standards (CCSS) and federal initiatives.

Our programs will focus on these beliefs and characteristics:

- ➢ **Effective use of technology is facilitated by a conscious effort to use that resource to implement the vision of the school and its goals for student learning.**
- ➢ **While the acquisition of technical skill is important, the ultimate aim is the enhancement of curriculum, instruction and learning through the integration of technology.**
- ➢ **Transfer of staff development experiences to classroom practices should be directly addressed.**
- ➢ **Technical and pedagogical problems which afflict users of technology should be directly addressed.**
- ➢ **Experiences must be hands-on whenever possible.**
- ➢ **Opportunities for ongoing assessments and reflection on the technology plan are essential to its success.**

MISSION STATEMENT

The Holmdel Township Board of Education will ensure that technology is an integral component of the instructional program infused throughout the curriculum. Teachers and students will comfortably, frequently, and actively use a variety of technologies as tools for teaching and learning. The Holmdel Township Public Schools will assist members of the professional school community with the tools they need to prepare students to access, apply, process, and communicate information efficiently and effectively.

VISION

Contemporary society presents unique challenges and opportunities for the individual. The proliferation of technology in daily life can be harnessed to assist the individual in meeting these challenges to take advantage of these opportunities. Appropriate use of technology can help us have a system of educating our children in which they master the basics, become adept at problem solving, and develop critical thinking skills. Education in the Holmdel Township Public Schools must challenge and expand the vision of all students and ensure that they can demonstrate their skills in a highly technological society. This will be accomplished by providing dynamic technological education programs in partnership with parents, community, business, and industry. We must empower Holmdel students to become independent life-long learners who are adaptive and competitive in a rapidly changing and challenging society. We believe that technology will continue to have a critical impact on the manner in which we communicate and solve problems in our daily lives. The educational system must prepare students to use technology as a tool for learning, a means of accessing information, and a methodology for processing information.

We believe that the integration of technology in the curriculum is a vital element in the future success of all students. By utilizing technology as a tool to support the curriculum, the quality of instruction and learning is enhanced.

We envision technology-rich environments where students participate in live interactive learning opportunities globally without leaving the classroom. Students must be provided with the opportunity to explore, investigate, analyze, evaluate, design and create using state-of-art technology to solve "real world" problems. At the classroom level, technologies must be available to make learning exciting and interesting, to enhance interaction and to tie learning to the real world outside the school walls. Technology must be integrated into the curriculum rather than be a supplement to it.

All Holmdel Township school classrooms, media centers and offices are electronically connected and equipped with technology providing all members of the learning community - students, staff and community residents - with equitable and easy access to information technologies for teaching, learning, management and support of schools. This permits collaboration among educational fields and allows ready access to information sources and expertise in the world community.

Teachers have access to resources that will help them with new teaching strategies. Instructors will serve as both facilitators and architects of student learning. Technology will make teaching more productive. Students will continue to find learning meaningful and enjoyable. A learning climate will be created in which the real world will enter the school environment. Distance

learning will be encouraged to provide teachers and students with greatly enriched educational options, while eliminating barriers of time, geography, physical limitations and lack of local expertise.

The Holmdel Township School District will continue to seek appropriate funding to ensure students and teachers have access to appropriate technological advances and developments. The district must ensure adequate maintenance and support for hardware and networked systems.

Continuous commitment to a comprehensive staff development program is critical to the success of the technology plan. Teachers will be given substantial training, support and time to integrate technology into their curricula in order to enhance the learning experiences and outcomes of all students.

The use of information technology permits the development of higher order thinking skills, and supports a variety of learning styles. New assessment techniques must be developed to reflect the new skills and new learning environments.

The table below describes the technology inventory needed to improve student academic achievement.

Area of Need	Year 1 2013-2014	Year 2 2014-2015	Year 3 2015-2016
Technology Equipment including assistive technologies	(10) sound field systems for IHS, HHS and in other buildings as needed Continue and expand online touch-typing subscription to Typing Pal or equivalent for grades 2-6 Replace 411 district desktop PCs with new (31) PCs, (1) projector and (1) laser printer for new HHS PC lab. (16) Computer tables (1) Mobile PC notebook lab cart each for Village, Indian Hill and W.R. Satz Schools (1) Mobile Chromebook lab cart each for Indian Hill and W.R. Satz Schools (1) Mobile iPad lab cart each for Village School Replace virtualized server/storage environment Update or replace SharePoint document repository server with new hardware or with a cloud solution	(4) sound field systems as replacements for aging equipment (6) Mobile Chromebook lab carts for Holmdel High School (5) Mobile Chromebook lab carts for W.R. Satz School (5) Mobile Chromebook lab carts for Indian Hill School (5) Mobile Chromebook lab carts for Village School	(4) sound field systems as replacements for aging equipment Continue Study Island Online subscription for mainly grades 3-8 Continue online touch-typing subscription to Typing Pal or equivalent for grades 2-6 Replace 420 district desktop PCs and notebooks purchased in 2009 and 2010 with new

	HOLMDEL TOWNSHIP PUBLIC SCHOOLS THREE YEAR TECHNOLOGY PLAN INVENTORY TABLE 2013-2016

Area of Need	Year 1 2013-2014	Year 2 2014-2015	Year 3 2015-2016
Networking Capacity	(31) Category 6 network drops for the new HS PC lab (1) Core Network Data Switch @ Village with wireless controller module (8) Edge PoE Data switches to support IP security cameras and wireless access points	(6 or 7) Category 6 network drops for 802.11ac wireless access points (WAPs) in each school's classrooms designated as PARCC testing rooms Evaluate and deploy additional 50 micron fiber for 10GbE network backbone	
Filtering Method	Local CIPA compliant Internet Content Filter appliance by Bloxx at each campus	Local CIPA compliant Internet Content Filter appliance by Bloxx at each campus	Local CIPA compliant Internet Content Filter appliance by Bloxx at each campus
Software used for curricular support and filtering	Continue Study Island Online subscription for mainly grades 3-8 Continue and expand use of online touch-typing subscription to Typing Pal in grades 2-6 Google Apps	Continue Study Island Online subscription for mainly grades 3-8 Continue online touch-typing subscription to Typing Pal or equivalent 3 Year Renewal of Kurzweil 3000 Web Edition Text to Speech Web Application	Continue Study Island Online subscription for mainly grades 3-8 Continue online touch-typing subscription to Typing Pal or equivalent
Technical Support and maintenance	Evaluate human resource needs (Technicians and technology coaches)	Evaluate human resource needs (Technicians and technology coaches)	Evaluate human resource needs (Technicians and technology coaches)
Telecommunications equipment and services	Add one new FiOS 35Mb/s Internet circuit at the Satz/HHS complex	Add new (third) FiOS 35Mb/s Internet circuit at the Satz/HHS complex and possibly a second circuit at Village and Indian Hill with load balancer	No additions planned

HOLMDEL TOWNSHIP PUBLIC SCHOOLS
THREE YEAR TECHNOLOGY PLAN
INVENTORY TABLE
2013-2016

Area of Need	Year 1 2013-2014	Year 2 2014-2015	Year 3 2015-2016
Other Services:			

The technology committee surveyed the faculty as the main part of a needs assessment plan. By utilizing an online surveying tool named Survey Monkey, the responses were gathered and reported on anonymously. The number of questions was kept to the low number of 13, in order to keep response levels high and survey-taker burden to a minimum. Roughly 50% of the faculty completed the survey. The survey asked for feedback on the level of satisfaction with district equipment and training. This feedback will help with future purchases and course offerings.

The survey results for each individual school can be found in appendix two.

To support 21st century learning communities, the technology plan will address federal requirements as well as the New Jersey Common Core State Standards (NJCCSS) and preparation for the Partnership for Assessment of Readiness for College and Careers (PARCC) assessment.

Goal 1: Provide equitable access to resources and infrastructure that support the integration of technology for improved classroom instruction.

1.1   To continually review and assess the distribution of technology in schools

1.2   To seek outside funding for the acquisition of technology for schools

1.3   To increase access to electronic instructional resources during school and non-school hours

1.4   To develop and implement a plan of action for upgrading electricity that meets expanded electrical outlet requirements

1.5   To achieve PARCC testing readiness:

1.5.a   To refine and upgrade the plan for the purchase, maintenance, repair, replacement, and updating of technology equipment such that the district student-to-computer ratio meets or exceeds the state PARCC recommendation of a 1:1 student to device ratio, equivalent to the largest grade level enrollment at each school

1.5.b   To continue to identify and expand telecommunications capacities and ready testing classrooms or labs with sufficient electrical capacity and bandwidth, which may require additional wiring, advanced cabling and wireless technology

1.5.c   To ensure either the district or the community provides Holmdel's students with PARCC required combination headphones that include boom microphones. The district should provide documentation or instruction on the proper use and storage practices promote sanitary health safety.

1.5.d   To provide touch typing instruction and online resources in order to assess and improve student test-taking skills.

Goal 2: Provide staff, students and administration with training in information literacy and the use and proper application of technology.

2.1 To provide demonstrations and training for staff on using available technology to enhance instruction within the curriculum

2.2 To provide assistance to staff in developing new teaching strategies and methodologies which promote the infusion of technology within the classroom

2.3 Assist teachers in selecting appropriate technology to achieve SGOs (Student Growth Objectives)

2.4 To promote awareness in the entire community about the increasing role that technology plays in improving and enhancing education and about the precepts of acceptable use

2.5 To train staff and students how to evaluate and document online sources

2.6 To selectively and/or globally train faculty to perform basic technology troubleshooting and problem resolution as testing proctors, while they act as the first level of technical support in the classrooms during testing

Goal 3: Integrate technology into instructional and administrative functions as appropriate.

3.1 To evaluate and/or purchase instructional resources which support the curriculum guides and adoption cycles

3.2 To improve and expand the means through which all district stakeholders will communicate electronically with each other

3.3 To encourage continued growth of faculty and administrative technology knowledge and use

3.4 To develop and support the implementation of e-portfolios for student work

Goal 1: Provide equitable access to resources and infrastructure that support the integration of technology for improved classroom instruction.

#	District Goal/Objective	Strategy/Activity	Person(s) Responsible	Timeline	Documentation and Evaluation
1.1	To continually review and assess the distribution of technology in schools	• Update and expand campus wireless networks • Update and expand technology resources and facilities • Review help desk requests to determine what items are requested/required • Assess needs/requests of faculties and students with annual survey	• Director of Technology • Assistant Superintendent • Principals • School PD Committee	July 2013 through June 2016	• Yearly Surveys • Tech Committee Meetings • Physical Inventory
1.2	To seek outside funding for the acquisition of technology for schools	• Apply for grants • Seek out donations from community groups, schools groups, and corporations	• Teachers • Administrators • Assistant Superintendent	July 2013 through June 2016	• Grant applications • Request letters • Technology plan
1.3	To increase access to electronic instructional resources during school and non-school hours	• Provide training to faculty on how to access resources, both within the district network and via the cloud	• Parents • Director of Technology	July 2013 through June 2016	• Usage Reports
1.4	To develop and implement a plan of action for upgrading electricity that meets expanded electrical outlet requirements	• Conduct site surveys	• Director of Plant Operations	Consistent with 5-year facilities plan	• Five year facilities plan

1.5	To achieve PARCC testing readiness.	• Refine and upgrade the plan for the purchase, maintenance, repair, replacement, and updating of technology equipment such that the district student-to-computer ratio meets or exceeds the state PARCC recommendation of a 1:1 student to device ratio, equivalent to the largest grade level enrollment at each school • Continue to identify and expand telecommunications capacities and ready testing classrooms or labs with sufficient electrical capacity and bandwidth, which may require additional wiring, advanced cabling and wireless technology • Ensure either the district or the community provides Holmdel's students with PARCC required combination headphones that include boom microphones. The district should provide documentation or instruction on the proper use and storage practices promote sanitary health safety • Provide touch typing instruction and online resources in order to assess and improve student test-taking skills.	• Director of Technology • Director of Plant Operations • Principals • Outside contractors	July 2013 through June 2015	• The PARCC Technology Readiness Tool (TRT)

Goal 2: Provide staff, students and administration with training in information literacy and the use and proper application of technology.

#	District Goal/Objective	Strategy/Activity	Person(s) Responsible	Timeline	Documentation and Evaluation
2.1	To provide demonstrations and training for staff on using available technology to enhance instruction within the curriculum	● Technology Demonstrations ● Lessons from Technology Coach ● In-district workshops/courses ● Out of district professional development opportunities	● Technology coach ● Teacher-leaders ● Professional Development Committee ● Technology Committee ● Administrators	July 2013 through June 2016	● PD/Technology Committee course catalog ● Surveys ● PD sign-in sheets ● Faculty and administrative meeting agendas and minutes
2.2	To provide assistance to staff in developing new teaching strategies and methodologies which promote the infusion of technology within the classroom	● Technology Demonstrations ● Lessons from Technology Coach ● In-district workshops/courses ● Out of district professional development opportunities	● Technology coach ● Teacher-leaders ● Professional Development Committee ● Technology Committee ● Administrators	July 2013 through June 2016	● PD/Technology Committee course catalog ● Surveys ● PD sign-in sheets ● Faculty and administrative meeting agendas and minutes ● Lesson plans ● PLC logs

2.3	Assist teachers in selecting appropriate technology to achieve SGOs (Student Growth Objectives)	• Technology Demonstrations • Lessons from Technology Coach • In-district workshops/courses • Out of district professional development opportunities	• Technology coach • Teacher-leaders • Professional Development Committee • Administrators	July 2013 through June 2016	• PD/Technology Committee course catalog • Surveys • PD sign-in sheets • Faculty and administrative meeting agendas and minutes • Lesson plans • PLC logs
2.4	To promote awareness in the entire community about the increasing role that technology plays in improving and enhancing education and about the precepts of acceptable use	• Technology Demonstrations • Lessons from Technology Coach • In-district workshops/courses • Out of district professional development opportunities • Back to School Night • Media Specialist orientation • New Student Orientation • Parent orientation	• Technology coach • Teacher-leaders • Professional Development Committee • Administrators	July 2013 through June 2016	• PD/Technology Committee course catalog • Surveys • PD sign-in sheets • Faculty and administrative meeting agendas and minutes
2.5	To train staff and students how to evaluate and document online sources	• Media specialists' orientation & ongoing student interactions • New student orientation • Lessons from Technology coach • Lessons from classroom teachers, in line with NJCCSS	• Teachers • Media specialists • Technology coach	July 2013 through June 2016	• Observations • Lesson plans • Evaluations

Section 4	HOLMDEL TOWNSHIP PUBLIC SCHOOLS THREE YEAR IMPLEMENTATION AND STRATEGIES TABLE for 2013-2016				
2.6	To selectively and/or globally train faculty to perform basic technology troubleshooting and problem resolution as testing proctors, while they act as the first level of technical support in the classrooms during testing	● In-district workshops/courses ● Creation of a checklist/webpage with troubleshooting problems and solutions for common mistakes	● Technology Committee ● Director of Technology	July 2013 through June 2016	● Peer scenario role-play ● Completion of workshops ● Help desk requests

Goal 3: Provide staff, students and administration with training in information literacy and the use and proper application of technology.

#	District Goal/Objective	Strategy/Activity	Person(s) Responsible	Timeline	Documentation and Evaluation
3.1	To evaluate and/or purchase instructional resources which support the curriculum guides and adoption cycles	• Solicit ideas and input from faculty and administrators regarding which hardware and software to adopt • Attendance at out-of-district professional development workshops	• Technology Committee • Teachers • Administrators	July 2013 through June 2016	• Curriculum guides • Classroom observations
3.2	To improve and expand the means through which all district stakeholders will communicate electronically with each other	• Encourage use of Google Docs or other cloud-based creation and communication software • Continue to utilize email software	• Technology Committee • Teachers • Administrators	July 2013 through June 2016	• Email logs • Google Docs items • Observations • Use logs

3.3	To encourage continued growth of faculty and administrative technology knowledge and use	• In-district workshops/courses
		• Out of district professional development opportunities
		• Technology demonstrations
		• Encourage the use of technologies such as:
		   ○ Parent portal
		   ○ Email
		   ○ Test preparation
		   ○ Cloud-based tools
			• Technology Committee
			• Administrators
			• Teachers
				July 2013 through June 2016	• Sign-in sheets
					• Surveys
					• Observations
					• Lesson Plans
					• Google Docs items
					• Use logs

3.4	To develop and support the implementation of e-portfolios for student work	• In-district workshops/courses • Out of district professional development opportunities • Development of a student e-portfolios program	• Director of Technology • Administrators • Teachers • Students • PD Committee	July 2013 through June 2016	• Creation and use of e-Portfolios

5   Professional development strategies should ensure that staff (teachers, school library media personnel and administrators) knows how to effectively use the technologies described in this plan to improve education, and will continue to support identified needs through 2016. *Address only 'a' below to meet e-rate requirements. Address all areas below to continue planning for a technology-rich learning environment.*

Describe the planned professional development strategies by addressing each of the following questions:

a)   How will ongoing, sustained professional development be provided to all educators, (including administrators) that increases effective use of technology in all learning environments, models 21st century skills, and demonstrate learning experiences through global outreach and collaboration in the classroom or library media center?

b)   What professional development opportunities, resources and support (online or in person) exist for technical staff?

c)   How will professional development be provided to educators on the application of assistive technologies to support educating all students?

Professional Development Table

Professional development detail is needed for the first school year of the educational technology plan. The use of this table is optional and is provided as a convenience.

Educators' Proficiency/ Identified Need	Ongoing, sustained, high-quality professional development planned	Support
Switch to Gmail	Teachers participate in staff development	Screen casts, workshops, collegial assistance
Preparedness for PARCC	Communicating needs with Director of Technology, Building Admin and Technology Committee	Purchasing additional equipment to support testing initiative Monthly discussions at faculty meetings
General Tech Literacy	Workshops offered before, during and after school PD Workshop Days	Screen casts, workshops, Tech Literacy Coach (K-6), Media Specialists (7-12)
Admin (Grades, Attendance, etc)	Workshops offered before, during and after school PD Workshop Days	Screen casts, workshops, Tech Literacy Coach (K-6), Media Specialists (7-12)

a. **How will ongoing, sustained professional development be provided to all educators, (including administrators) that increases effective use of technology in all learning environments, models 21st century skills, and demonstrate learning experiences through global outreach and collaboration in the classroom or library media center?**

The district provides course offerings for administrators to familiarize them with current trends in Educational Technology, such as 21st century skills, cyber safety, Google tools and integrating technology in standards based curriculum. This will enhance their understanding of technology integration within the classroom environment.

The technology committee will be meeting periodically to develop and plan instructional course offerings for staff members to enhance their effective use of educational technology. As part of these course offerings, teachers will be expected to submit their final product to the LPDC, along with an abstract which will then be posted to our in-house collection of technology-rich lesson plans via SharePoint. Our plans for the future will be to assist teachers with their technology skills, which in turn will meet the needs of the 21st century learner. Through the course offerings we hope to promote collaboration among educators through established professional learning communities within the district. Media Specialists will coordinate information literacy skills to students and teachers about such items as online safety, evaluating internet resources and the district's acceptable use policy.

The Director of Technology surveyed the entire school population. Faculty and student needs assessment survey results are in included in the appendix. Based upon the needs assessment results the Technology Committee, in conjunction with the HLPDC, will be planning an ongoing series of course offerings. The goal of these courses will be to provide sustained, high-quality professional development opportunities as they relate to the infusion of technology into the curricular process. In addition one of the goals of providing on-going professional development as it relates to the infusion of technology into the curriculum will be to offer courses that will help to prepare Technology Teacher Leaders. These Technology Teacher Leaders (TTL's) will assist staff members and ensure the effective use of classroom technology. Partners associated with the development of this approach will include, the HLPDC, Information Technology Department, Technology Planning Committee, Media Specialists, Technology Teacher Leaders and administrators.

Projection for professional development activities:
   i. 2013-2014: Technology Planning Committee will meet periodically to develop a series of course offerings aligned with Common Core States Standards for Technology that will assist staff with needs that have been identified from the 2013 district-wide faculty survey.
   ii. 2014-2015: Technology Planning Committee will review the current course offerings and evaluate its success. A feedback form will be used to review the effectiveness of the current course offerings and the data collected will be used to adjust the course offerings for the upcoming school year. Administrator input will be solicited to assess the frequency and effectiveness of technology infusion within the curriculum.
   iii. 2015 – 2016: As planning begins for the next Three Year Technology Plan, the committee will review the effectiveness of current offerings and develop new courses that will reflect current technological trends. Additionally, the needs of the staff members will be surveyed and necessary adjustments to Professional Development activities and course offerings will be made.

b. **The professional development opportunities, resources and support that exists for technical staff.**

The technical staff is offered reference materials, self paced training resource kits and access to manufacturer technical support by phone or remote assistance on the Internet. Occasionally the district will send a representative from the network technology department to a technology roundtable meeting, a conference such as NJ Techspo, a manufacturer-sponsored local training or marketing event or a technical exchange with a neighboring school district. In certain cases consultants will be brought onsite or a network technology member may have to travel offsite if a fee-based certification or advanced training is required. The department is also evaluating computer-based learning series.

c. **How will professional development be provided to educators on the application of assistive technologies to support educating all students?**

The technology committee will be looking at the application of assistive technology to include all staff members. A large percentage of the district's classrooms already have voice amplification (FrontRow) systems installed. In addition, the district's relationship with CPofNJ will be continued to assist staff with the application of assistive technology. The Director of Special Services will work in conjunction with both the Technology Planning Committee and the HLPDC to help develop course offerings for both special and regular education staff members.

6. Describe the evaluation process that enables the progress and effectiveness of goals to be monitored.

1. Staff and student surveys
2. PARCC Readiness Tool
3. HLPDC Review of requests for workshops
4. Administration and faculty requests

For additional detail on sections six and seven, please refer to the evaluation plan narrative table below.

7. Describe the process to make mid-course corrections in response to new developments and opportunities as they arise.

The evaluation narrative must include how telecommunications services, hardware, software and other services will improve education. Telecommunications services are leased, tariffed, contracted, or month-to-month services that are used to communicate information electronically between sites. The services MUST be provided by an eligible Telecommunications Service Provider. Examples of Telecommunications Services for E-Rate include T-1 lines, basic telephone service, and ISDN. Broadcast services (such as over-the-air radio and television) and cable TV are not considered Telecommunications Services.
The burden of proof for any federal inquiry lies with the district, and they should be able to support their process with methodology and documentation. The use of this table is optional and is provided as a convenience.

Three-Year Technology Plan Evaluation Narrative	
Describe the process to regularly evaluate how…	
a. *Telecommunication services, hardware, software and other services are improving education.*	Holmdel is in the process of putting in place the infrastructure necessary for PARCC online testing. Achieving PARCC readiness is one of the district goals. The district is using the PARCC (TRT) and other tools to calculate the Internet and internal bandwidth that will be required during grade level standardized testing loads.
	The improvements that have been made to internal network cabling, wireless network and Internet circuits have brought about improved mobility, which has allowed for ad hoc collaboration. As the district dramatically increases the number of notebooks, Chromebooks and tablets, the district has had to invest in additional Internet circuits and load balancers to keep pace.
	While PARCC is two years away, the district already sees the benefit of providing more access to technology with more 1:1 student computing opportunities. The additional bandwidth allows mobile lab carts to be used in the classrooms and provides access to research, touch-typing, distance learning, blended learning and online formative assessments.
	The district's ability to make mid-course corrections, in the case of Internet connectivity and building to building wide area network connections, is limited by the constraints of multi-year agreements, but utilizes E-rate bidding opportunities and the ACT (Alliance for Competitive Telecommunications) consortium for access to the widest range and most competitive pricing of services.
	The effectiveness of the various forms of district technology is reported in face-to-face feedback, help desk requests and faculty technology surveys.

b. *Effective integration of technology is enabling students to meet challenging state academic standards.*	Data will be analyzed for student growth in meeting curriculum standards. This data is reviewed to identify growth in curriculum areas where technology has been an integral part of the curriculum during class time, before and after school. The use of PowerSchool as the student information system will be used to collect data where applicable. Teachers are able to keep student records and attendance online. Evaluation of this system is ongoing. The impact on student learning in the attainment of curriculum goals will be monitored by using CST testing data? etc. The multiple measures data consists of the results of a variety of assessments collected during the year, such as benchmarks in English language arts and mathematics. These same assessments, along with information from CST testing, are used to plan interventions to help students meet curricular goals. The data is analyzed for all schools and can easily be used to look at the impact of technology on programs and to determine where technology tools could be used to assist students and teachers in meeting District goals. PowerSchool use, including PowerTeacher Gradebook and the use of electronic report cards, will be evaluated and monitored by the Director of Technology and administration at least twice per year?. Results will be reported to the Technology Director and other stakeholders. Using surveys, teacher observation, Tech Coach evaluations as well as Study Island skills benchmarks we will be able to measure the effective integration of technology in enabling students to meet challenging state academic standards. The Technology Coach is putting in place a program for grades k-6 to help teachers and students alike, infuse and use technology. Through this program we are looking to raise the students computing skills to meet the Technology Standards and help teachers use a variety of technology within their classes. The yearly teacher survey results and District created staff development evaluations (given after each staff development session) will be monitored by the LPDC, Director of Technology, Technology committee, and LPDC. School and teacher requests for technology training will also be gathered and reviewed by Director of Technology, Technology committee, and LPDC. Training, coaching, and support sessions will be logged and sign-in sheets of attendees will be kept by the leaders doing the training. This data will be used to monitor progress and plan staff development offerings. After all data has been gathered by May of each year, the Director of Technology and Tech Committee members will meet to review the data and make suggestions for revisions in the plan. The District Technology Plan is a living document, so that ongoing evaluation is imperative to make best use of technology in the schools. Information about the use of technology will be shared with the District Superintendent and the Board of Trustees when requested so that plans can be made for technology in the future. This information will also be presented to principals at administrative meetings during the year. Principals will review data from teacher surveys about technology integration and share with their SPDC members and Teacher Tech Leaders so that modifications can be made to support teachers for the next year.

c. The LEA is meeting the identified goals in the educational technology plan.	The Local Education Agency is meeting the goals as identified in the educational technology plan in a variety of ways:
	• By implementing a means for ongoing assessment of student progress in the use of technology literacy skills.
	• By demonstrating and assessing student progress with the New Jersey Core Curriculum Content Standards through activities such as:
	   • Student interviews
	   • Student portfolios
	   • Observations
	   • Standards-based scoring guides
	   • Surveys
	   • New Jersey Statewide Assessments
	   • Ongoing performance-based assessments
	• By embedding technology into the learning experience in all curricular areas:
	   • Via Technology Planning
	   • Via Community partnerships
	   • Via Local Foundations
	   • Via Grants, where applicable, at federal, state and local levels.
	   • Via department and faculty meetings

Funding has been and will continue to be provided from a combination of sources including annual operating budgets, bond referendums, and grants. The district also benefits from the generosity of school parent groups and the Holmdel Foundation for Educational Excellence. Every two years the district purchases the majority of its hardware and software at extremely low interest rates by participating in the Monmouth County Improvement Authority's Pooled Capital Equipment Lease program.

In 2012 the district became aware and responded to the funding needs of an online testing initiative called the Partnership for Assessment of College and Career Readiness (PARCC). The minimum specification for PARCC readiness is to have enough computing devices to reach a 2:1 student to computer ratio. The committee recommends that the district conduct only one daily morning testing session and achieve the PARCC recommended specification of a 1:1 student to computer ratio for the single largest grade level in each school. The district will meet the recommended level of testing devices by the March of 2015. The next opportunity, without any special intervention, to improve upon that ratio will be in the summer of 2015, after PARCC testing begins. The lowest cost scenario to improve upon the minimum 2:1 student to computer ratio and achieve the recommended ratio of 1:1 for the single largest grade level at each school will be an estimated $250,000 or 600 Chromebooks on 21 mobile lab carts.

The district typically spends about 1.96% of the $52,600,000 annual district operating budget on technology including salaries, operating expenses and capital lease obligations.

Network Technology – Budget Projection and History

	15/16	14/15	13/14	12/13	11/12	10/11	09/10	08/09	07/08	06/07	05/06
Supplies	$67,694	$67,694	$67,694	$221,740	$73,850	$99,300	$82,136	$67,331	$67,296	$68,885	$80,381
Supplies*		$250,000	Special funding infusion for (21) Chromebook mobile lab carts w/ 600+ devices for PARCC								
Repairs	$177,191	$177,191	$177,191	$143,400	$162,894	$117,477	$105,276	$137,316	$90,101	$74,227	$58,950
Training/Misc	$2,750	$2,750	$2,750	$1,500	$2,747	$738	$481	$8,800	$5,991	$7,000	$5,000
Prof. Services	$8,800	$8,800	$8,800	$10,900	$4,500	$300	$5,930	$1,075	$6,600	$6,600	$6,600
Equipment				$0.00	$0.00	$0.00	$0.00	$9,000	$0.00	$9,000	$8,500
M.C.I.A. (PCs, etc.)	$680,000	N/A	$683,668	N/A	$480,899	N/A	$490,750	n/a	$448,450	n/a	$84,800
WAN - Data	$4,680	$4,680	$4,680	$5,580	$7,927	$5,580	$44,443	$43,007	$43,510	$40,820	$48,011
WAN - Voice	$11,460	$11,460	$11,460	$11,500	$11,344	$13,052	$13,805	$12,772	$13,107	$12,000	$12,000
Internet	$17,784	$17,784	$14,544	$12,708	$5,997	$10,048	$8,094	$7,456	$9,079	$10,800	$10,800
NIMAS	**	**	**	$12,800	$12,800	$12,800	$12,800				

As new systems have been brought online (phone system, auto dialer, intercom/PA system, student management system, security system, etc. since 2004) and the overall budget has been held flat, resources have been redirected from the supplies budgetary account to the equipment repairs account to cover the cost of subscription updates, support services or maintenance contracts.

Due to budgetary constraints, the renovation of the computer lab in room 141 in the high school will be delayed until the summer of 2015 at the earliest.

* A special $250,000 funding infusion in the 2014/2015 budget year to achieve PARCC readiness and a student to device ratio of 1:1 with each school's largest grade level enrollment.

** The district contracts with the New Jersey Commission for the Blind. The delivery of print instructional materials in accessible formats to blind or other persons with print disabilities in elementary and secondary schools, as it pertains to NIMAS, would be satisfied by the commission.

Section 8	HOLMDEL TOWNSHIP PUBLIC SCHOOLS THREE YEAR FUNDING PLAN for 2013-2016

Proposed District Network Technology Operating Budget for 2013/2014

1. Network Technology Supplies
   • Printer toner and ink
   • Projector Lamps and notebook batteries
   • Software-new anti virus & MS Office licensing
	$67,694

2. Equipment Repairs
   • Hardware Maintenance contracts
      o Alcatel PBX Telephone System
      o HS & Village Audio Systems
      o Barracuda Networks Spam Filtering
      o Bloxx Internet Content Filtering Updates
      o Juniper Firewall Support Contract
      o Intercom/PA System Maintenance
   • Software Maintenance and Support Contracts
      o Backup Exec & Quest backup and restore software
      o Network Associates Active Virus Defense Software
      o PowerSchool Student Management Software
      o Automated Rapid Broadcast Communication Service
      o Financial & Transportation Software Support
	$177,191

3. Network Technology Travel and Training
   • Student management system training
   • Professional development, workshops, seminars conferences
	$2,750

4. Purchased Professional Services
   • On site consulting (e.g. VMware or Virtual Storage)
   • PowerSchool report customization
	$8,800

5. Department Telephone (Cell Phone Allowance)	$1,320
6. Internet, Data & Voice Wide-Area-Network connectivity	$30,684

2013/2014 M.C.I.A Capital Pooled Lease Purchase Funded Items

1. (204 PCs) **HHS** – (91) Science Rooms, (26) Rm. 141, (25) Upper Library, (59) Lower Library, (5) Administration	
2. (132 PCs) **IHS** – (58) Rooms 129 & 130 Comp Labs, (74) Classrooms	
3. (70 PCs) **Satz** - (37) CyberCenter and (33) Classrooms	
4. (33 PCs) **Village**- (27) Gr. 2/3 Lab Cart, (5) Admin & (1) Classroom	
5. (182) Notebook Computers- (0) HHS, (58) Satz, (58), IHS, (58) VILL, (4) Special Services and (4) Satz G&T	
6. (4) Servers	
7. Computer Furniture (16) Tables HS Lower Library	
8. (3) Printers (Departmental or Workgroup)	
9. (10) LCD Projectors with Ceiling Mount Kits	
10. (6) Small Networked Classroom Laser Printers	
11. (1) X Roads Internet Link Aggregation Appliance	
12. (26) Wireless Access Points 802.11n/ac	
13. (4) HP Procurve 2910 & (4) 2915-8G edge switches w/PoE & fiber	
14. (1) HP Procurve 5400 Core Switch with 48-1000BaseT & 24-BaseSX	
Total M.C.I.A. Technology Purchases Summer 2013 – Q1 2014	**$683,750**

APPENDIX A

TECHNOLOGY OVERVIEW /ENVIRONMENT

Assistive Technology:

Holmdel invests annually in the following assistive technologies, including the following partial list of software and hardware:

Software:
Co:Writer (Word Prediction), Draftbuilder (Writing Organizer) and Kurzweil 3000 Web (Speech-to-Text)

iPads (20): (27) Speech Apps, (28) Autism Apps and (33) OT/PT Apps

Sound Field Systems:
(48) @ Village, (38) @ Indian Hill, (33) @ W.R. Satz and (48) @ Holmdel High School

Backup/Restore/Disaster Recovery/Archival/E-discovery

The district utilizes Quest's backup solution for virtualized servers, Symantec's Backup Exec for physical application, file and database servers and CGS Unlimited Mailbox cloud backup for email, archival and e-discovery.
With multiple Internet connections and electrical generators at each school, core administrative functions in most cases are able to be relocated and brought back online within 24 hours.

Broadcast Communications
The district utilizes a contracted service to provide phone, e-mail and text communications. The service is capable of dispatching communications to thousands of recipients in minutes. Attendance communications are dispatched daily in an automated fashion.

E-Alert is another service and means of receiving information from the district. In this case the recipient has to subscribe to a feed of interest in order to receive manually generated alerts/announcements.

Computer Labs
The district utilizes a combination of fixed classroom desktop labs and mobile notebook or tablet labs on carts. Each school has at least two dedicated classroom desktop computer labs; in the case of the high school, there is also a dedicated World Language Lab, a graphic arts lab and a web development lab.

A renovation of the high school's room 141 computer lab is recommended for the summer of 2015. This will improve the layout and increase the number of student stations from 25 to 30.

The tech committee's recommendation is to have six or more mobile notebook or Chromebook lab carts at each school before PARCC testing in 2015.

Chromebooks

Chromebooks are new to Holmdel, but will be the device of choice when 1:1 computing challenges need to be met as in the case of PARCC online testing in March of 2015. It is anticipated that more than 600 Chromebooks will need to be purchased in 2014.

Computers:

In the 2013/2014 school year the district will have (914) desktops, (106) terminal services zero clients, (71) convertible Tablet PCs running Windows 7 Pro, (280) notebooks, (80) iPads and (59) Chromebooks. In addition to the computers listed, there are also (60) Nook Color devices at Indian Hill School. In 2013/2014, most computers will be six years old or newer.

E-mail:

The district has decided to migrate administration, faculty, staff and student e-mail from in-house Microsoft Exchange 2010 servers to Gmail cloud servers. E-mail related spam, phishing and malware protection will also be provided by Google.

Graphic Arts / Drafting Lab

The High School has one graphic arts lab equipped with twenty-five student PCs purchased in 2011. The PCs are loaded with Google SketchUp for drafting and Adobe's Creative Suite 5.5 Design Premium, which includes Photoshop, Illustrator, InDesign, Dreamweaver, Flash Pro and Acrobat Pro 10. The lab is also equipped with flatbed scanners and color laser printers.

Intercom/PA

Each school uses a Rauland-Borg system for classroom intercom and public address.

Interactive Whiteboards

The district has eleven interactive whiteboards from Smart Technologies and Polycom ENO. Village has two front projection SmartBoards and one rear projection. Indian Hill also has one rear projection SmartBoard and three SmartBoards on stands. The William R. Satz School and High School each have a fixed wall-mounted interactive whiteboard and one SmartBoard on a stand.

Any future interactive whiteboard purchases, donations or installations will either be mobile All-in-One designs with attached ultra short throw projectors or fixed wall mounted boards and ultra short throw projectors.

iPads

With a planned inventory of fewer than 80Apple iPads, they will satisfy niche requirements for mobility and apps for special needs, administrative tasks or 3rd grade instruction.

Office Productivity Suites:

The district uses a combination of Open Office, Google Apps and Microsoft Office. In the 2013/2014 school year, the district will deploy Microsoft Office versions 2007 or newer to all teacher stations and   Google Apps is the preferred suite of application for collaborative projects.

Operating Systems:

Beginning with the 2013/2014 school year, Holmdel's oldest Microsoft desktop operating system will be Windows 7 Professional and Windows 8.1 Professional will be introduced with new deployments in 2014. The district has 1,200 Microsoft Windows Professional client machines as part of its inventory.

In 2014 the district plans on adding over 600 Chromebooks running the operating system "Chrome."

As the district approaches an inventory level of (80) iPads dating back to the iPad2, all run IOS 6 or newer, with the only exceptions being to ensure app compatibility.

The district has a handful of Apple desktops and notebooks for non-linear video editing and graphic arts in the high school TV production studio and iPad management and application deployment. These machines run Snow Leopard and Mountain Lion versions of Mac OS.

The district's 35+ servers run Windows Server 2008 R2 with the exception of a couple of servers that run applications requiring the older Server 2003 operating system.

PARCC Testing

Holmdel will run one morning testing session daily for as many as five consecutive days per grade level; with a goal of attaining a 1:1 student to computer ratio for each school's largest grade level enrollment. Mobile notebook and Chromebook lab carts will be moved into areas specifically designated as wireless network testing rooms are as follows:

Holmdel High School	William R. Satz School	Indian Hill School	Village School
143, 144, 146, 147, 148 149, 150	101, 102, 131, 132, 133 134, 135, 136, 137	231, 237, 238, 239, 240 241, 242	124, 125, 127, 129, 130 131, 132

Policies and Regulations

Policy **4282** "Use of Social Networking Sites by Support Staff" (3 Pages)
http://www.holmdelschools.org/policies/Policy_4000/4282_use_of_social_networking_sites_policy.pdf
Policy **4321** "Acceptable Use of Computer Network(s)/Computers and Resources by Support Staff Members" (3 Pages)
http://www.holmdelschools.org/policies/Policy_4000/4321_acceptable_use_of_computer_networks_computers_and_resources_by_support_staff_members_policy.pdf
Policy **4322** "Staff Member's Use of Mobile Devices" (1 Page)
http://www.holmdelschools.org/policies/Policy_4000/4322_staff_member's_use_of_mobile_devices_policy.pdf

Policy **3321** "Acceptable Use of Computer Network(s)/Computers and Resources by Teaching Staff Members" (3 Pages)
http://www.holmdelschools.org/policies/Policy_3000/3321_acceptable_use_of_computer_network_s_computers_and_resources_by_teaching_staff_members_policy.pdf
Regulation **3321** "Acceptable Use of Computer Network(s)/Computers and Resources by Teaching Staff Members" (7 Pages)
http://www.holmdelschools.org/policies/Regulation_3000/3321_acceptable_use_of_computer_networks_computers_and_resources_by_teaching_staff_members_reg.pdf
Policy **3382** "Use of Social Networking Sites by Teaching Staff Members" (3 Pages)
http://www.holmdelschools.org/policies/Policy_3000/3282_use_of_social_networking_sites_policy.pdf

Policy **2360** "Use of Technology" (5 Pages)
http://www.holmdelschools.org/policies/Policy_2000/2360_use_of_technology_policy.pdf
Policy **2361** "Acceptable Use of Computer Networks, Computers and Resources" (5 Pages)
http://www.holmdelschools.org/policies/Policy_2000/2361_acceptable_use_of_computer_networks_computers_and_resources_policy.pdf
Regulation **2361** "Acceptable Use of Computer Networks, Computers and Resources" (10 Pages)
http://www.holmdelschools.org/policies/Regulation_2000/2361_acceptable_use_of_computer_networks_computers_and_resources_reg.pdf
Policy **2363** "Pupil Use of Privately owned Technology" is being reviewed and it is 2 pages.

Policy **3282** "Use of Social Networking" (3 Pages)
http://www.holmdelschools.org/policies/Policy_3000/3282_use_of_social_networking_sites_policy.pdf

Projectors and LCD Displays

Most Holmdel classrooms have projection screens and LCD projectors. In some cases, classrooms also have wall-mounted 32" CRTs or 37" LCDs from legacy installations. To the extent budgets and manpower resources allow there is an ongoing attempt to mount LCD projectors on classroom ceilings and connect them to desktop teacher stations. Hardware and electrical installations are accomplished by Holmdel's maintenance staff.

Security
The district maintains an extensive security system that includes access control and video surveillance and recording.

Student to Computer Ratio:

3.7: 1	Holmdel High School	3.6:1	William R. Satz School
4.0:1	Indian Hill School	6.1:1	Village School

Student to computer ratios have been falling (improving) each year and are also projected to improve during this three year plan. For comparison purposes, a ratio of 3.6:1 for K-8 schools and 3.1:1 for high schools are recent State averages.

Telephone/PBX

District offices and classrooms utilize digital telephones on each site's Alcatel OmniPCX PBX. Voicemail is centralized. Village and Indian Hill Schools are linked to the Satz/HHS hub site via T1 circuits and the hub site is connected to the PSTN via (2) PRI circuits. The system was put in place in 2004.

Television Production Studio
The High School television production studio is equipped with three Sony main cameras fed into a Tricaster Studio video switcher, five PC nonlinear video editing workstations running AVID Media Composer software and an iMac running Final Cut Pro.

Transportation
The district utilizes a software package from Transfinder in house for transportation routing and makes information available to parents online with the iFinder module.

Virtualization:

Holmdel utilizes Vmware's VSphere 5 Enterprise on three physical servers to virtualize 15 servers. Datastore's SvSAN is used to virtualize up to 2 Terabytes of Vmware server storage.

Web Design Lab

The High School has one web design lab equipped with 30 student PCs purchased in 2011. The PCs are loaded with Google SketchUp for drafting, PTC's Creo for modeling and Adobe's Creative Suite 5.5 Design Premium, which includes Photoshop, Illustrator, InDesign, Dreamweaver, Flash Pro and Acrobat Pro 10. The lab is also equipped with flatbed scanner and a black and white color laser printer.

Websites:

The district develops, maintains and hosts its district and school websites in-house. Teachers in many cases utilize Google Sites as classroom sites.

Wireless:

The district has over (80) controller based HP Procurve 802.11n wireless access points across three campuses. The district plans on deploying at least six 802.11ac wireless access points at each school in order to support the higher density scenarios, such as PARCC online testing beginning in March of 2015.

APPENDIX B

NEEDS ASSESSMENT SURVEY RESULTS

Faculty Technology Needs Assessment 2013 (H.S.)

1. My specialty is

Answer Options	Response Percent	Response Count
Math-Science	30.5%	18
Humanities	22.0%	13
Physical Education	8.5%	5
Arts	1.7%	1
Special Ed.	13.6%	8
World Language	5.1%	3
Technology	5.1%	3
Other	13.6%	8
answered question		59
skipped question		0

2. Training/workshops in technology standards, resources and uses meets my needs.

Answer Options	Response Percent	Response Count
Strongly agree	10.2%	6
Agree	50.8%	30
NA/Don't Know	11.9%	7
Disagree	23.7%	14
Strongly Disagree	3.4%	2
answered question		59
skipped question		0

3. Technology equipment is sufficiently modern (fast), available and reliable enough to carry out my lesson plans

Answer Options	Response Percent	Response Count
Strongly Agree	15.3%	9
Agree	57.6%	34
N/A Don't Know	3.4%	2
Disagree	23.7%	14
Strongly Disagree	0.0%	0
answered question		59
skipped question		0

4. Training and support for CURRENT hardware, applications and information systems meets my needs (e.g. Using a PC, Elmo, Projector, MS Office, Google Docs,

Answer Options	Response Percent	Response Count
Strongly agree	11.9%	7
Agree	49.2%	29
NA/Don't Know	6.8%	4
Disagree	28.8%	17
Strongly Disagree	3.4%	2
answered question		59
skipped question		0

5. Students have adequate access to computers

Answer Options	Response Percent	Response Count
Agree	63.2%	36
Disagree	36.8%	21
answered question		57
skipped question		2

6. How frequently do you Personally use the following in school – please select the appropriate answer for each one

Answer Options	never	annually	monthly	weekly	daily	N/A	Response Count
Email	1	0	0	0	58	0	59
Google Docs	17	7	13	13	8	0	58
SharePoint	2	6	21	17	13	0	59
Microsoft Word	0	0	0	7	52	0	59
Microsoft Excel	12	4	14	11	16	2	59
Microsoft PowerPoint	7	2	14	11	23	1	58
Update the classroom website	11	4	5	11	17	11	59
answered question							59
skipped question							0

7. How often do you use the following technologies With Your Students (check all that apply)

Answer Options	Never	Infrequently (Annually)	Somewhat Infrequently (Monthly)	Somewhat Regularly (Weekly)	Regularly (Daily)	Response Count
Notebook Computer	32	4	3	5	12	56
SmartBoard	49	4	0	0	2	55
Elmo document camera	40	2	1	7	7	57
iPod, MP3 player, Audio recorder for podcasts	43	3	5	2	2	55
Digital camera or video recorder	38	5	4	5	3	55
Classroom website	20	2	5	7	20	54
Internet (e.g. Study Island, United Streaming, You Tube,	7	2	10	20	17	56
Google Docs	26	8	7	8	7	56
LanSchool	51	1	0	0	4	56
Classroom Blog or Wiki	49	2	2	1	2	56
School e-mail	3	2	4	11	35	55
Other (please specify in the box below)						7
answered question						57
skipped question						2

Number	Response Date	Other (please specify in the box below)	Categories
1	Feb 14, 2013 1:15 PM	other	
2	Feb 14, 2013 1:14 PM	N/A	
3	Feb 14, 2013 12:47 PM	ipad (personal)	
4	Feb 14, 2013 11:50 AM	class webpage is hosted outside of the Holmdel Server	
5	Feb 7, 2013 1:55 PM	I use powerpoint everyday and show videos using the projector.	
6	Feb 4, 2013 2:55 PM	Subject-area-specific websites and applications -- almost daily	
7	Feb 4, 2013 2:27 PM	I don't use SmartBoard, Elmo doc camera, etc, because I don't have them...therefore use is precluded--if I had them I would use them.	

8. I need assistance or professional development in... (please select the FIVE most needed areas)

Answer Options	Response Percent	Response Count
Microsoft Windows Operating System	6.8%	4
Microsoft Word (formatting, mail merge, etc.)	20.3%	12
Microsoft Excel (tables, graphing, etc)	37.3%	22
Microsoft PowerPoint	27.1%	16
Google Docs	59.3%	35
PowerSchool	27.1%	16
Assessing student technology literacyin accordance with	30.5%	18
How to integrate technology to satisfy the Common Core	47.5%	28
Presenting with a LCD TV or Projector	15.3%	9
SharePoint doc, lesson & resource sharing	39.0%	23
SharePoint Bulletin Board	28.8%	17
Website Development (Google Sites)	67.8%	40
Creating Podcasts	57.6%	34
Twitter (Professional)	44.1%	26
Other (please specify)		11
	answered question	59
	skipped question	0

Number	Response Date	Other (please specify)	Categories
1	Feb 20, 2013 2:35 PM	drawing diagrams using Microsoft Word	
2	Feb 20, 2013 1:33 PM	I shouldn't have to pick 5, but I had to so these aren't all what I need assistance in.	
3	Feb 15, 2013 3:26 PM	I pad	
4	Feb 14, 2013 5:38 PM	There are not 5 needed areas for me but the survey would not permit me to move forward without checking 5.	
5	Feb 14, 2013 1:15 PM	classroom website	
6	Feb 14, 2013 12:39 PM	elmo	
7	Feb 14, 2013 11:40 AM	What is NJTAP IN? I don't want to lean some!	
8	Feb 11, 2013 3:25 PM	Ipad training	
9	Feb 11, 2013 1:32 PM	creating IPad applications to download student work	
10	Feb 4, 2013 2:55 PM	Time to work with my colleagues in my subject area to investigate and practice with technology we already have.	
11	Feb 4, 2013 2:36 PM	none - i was forced to pick 5 answers!!!	

9. Since resources are limited, please assist us by ranking the following items in priority order. Please select only one item per column and one number per row. Please rank the technology infusion aides below according to benefit. (rank 1=most beneficial item and 7=the least beneficial item) Please do not rank multiple items as equal. Use each number (rank) only once.

Answer Options	1	2	3	4	5	6	7	Rating Average	Response Count
Professional development explaining the technology	5	3	4	10	3	8	13	3.28	46
Professional development on how to satisfy the tech	3	8	11	4	5	11	3	4.00	45
Professional development on using the hardware and	10	13	10	5	10	1	0	5.10	49
Obtaining a ceiling mounted projector	10	2	4	8	5	5	11	3.78	45
Obtaining more computers in the classroom	12	10	3	6	5	8	4	4.54	48
Obtaining more access to the computer lab	11	5	5	5	9	6	8	4.06	49
Access to a technology teacher leader	2	7	10	7	9	6	8	3.69	49
							answered question		53
							skipped question		6

10. I take advantage of technology workshops, screencasts and/or web-based learning/training

Answer Options	Response Percent	Response Count
Regularly	11.9%	7
Somewhat Regularly	42.4%	25
Somewhat Infrequently	20.3%	12
Infrequently	23.7%	14
Never	1.7%	1
	answered question	59
	skipped question	0

11. Would you be supportive of students being allowed to bring their personal notebooks into your class? (Does Not Apply to Village School)

Answer Options	Response Percent	Response Count
Very Supportive	22.0%	13
Supportive	49.2%	29
Not Supportive	22.0%	13
Strongly Oppose	3.4%	2
N/A	3.4%	2
	answered question	59
	skipped question	0

12. What is your biggest technology need? This could be some type of hardware, software, professional development or something else.

Answer Options	Response Count
	42
answered question	42
skipped question	17

Number	Response Date	Response Text Categories
1	Feb 20, 2013 2:35 PM	training
2	Feb 20, 2013 1:33 PM	Being able to use my mounted ceiling projector with my tablet pc and elmo (wirelessly).
3	Feb 19, 2013 2:09 PM	Tablet PC
4	Feb 15, 2013 3:26 PM	I pads for special ed students
5	Feb 15, 2013 12:01 PM	ELMO
6	Feb 14, 2013 5:38 PM	Power School & Naviance
7	Feb 14, 2013 4:35 PM	PDF converter.
8	Feb 14, 2013 1:56 PM	Smartboards inthe classroom and or more computers
9	Feb 14, 2013 1:15 PM	I could really use an I-pad to enhance my instruction efficiecy as well as training on how to edit my website.
10	Feb 14, 2013 1:15 PM	projector, powerpoint, utube
11	Feb 14, 2013 1:14 PM	Professional Development
12	Feb 14, 2013 12:48 PM	A printer in the classroom would be very helpful.
13	Feb 14, 2013 12:41 PM	Smartboard and more classroom computers, with faster internet connections.
14	Feb 14, 2013 12:15 PM	IPAD!!!!!!!!
15	Feb 14, 2013 11:50 AM	My school laptop is a dinosaur. It is extremely slow to start up and to open programs (ie: PPT) and documents. The DVD drive does not work.
16	Feb 14, 2013 11:40 AM	Understanding your questions. Several under #8 = no idea what they are or mean.
17	Feb 14, 2013 11:25 AM	More workshops
18	Feb 14, 2013 12:45 AM	There is lots of software and internet sites out there, but it takes a lot of time to find just what I want to meet a particular need. I wish I could find it more easily.
19	Feb 14, 2013 12:28 AM	Keeping up with the numerous changes that occur on a daily basis. It seems the students know more about the changes then we do.
20	Feb 14, 2013 12:08 AM	More computer access for students (Lab)
21	Feb 11, 2013 3:25 PM	Personally, I would benefit from a laptop or Ipad to use during the school day.
22	Feb 11, 2013 3:10 PM	Time to spend practicing myself software before using it with students
23	Feb 11, 2013 1:39 PM	prof dev
24	Feb 11, 2013 1:32 PM	ability to create podcasts for addtional learning and ability to create ipad applications for student access at thome
25	Feb 11, 2013 12:29 PM	Learning how to use new technology in the classroom
26	Feb 8, 2013 4:58 PM	Wider access to the options available with Naviance
27	Feb 7, 2013 1:55 PM	Honestly, I am happy with the fact that I have eight computers in my classroom that have internet access and are fast enough. I love my mounted projector and wirelss keyboard. Furthermore, when submitting a request to the "helpdesk," I am very happy with how thoroughly and quickly I get a response.
28	Feb 6, 2013 4:38 PM	Upper library computer lab outdated. Computers are very slow. Hard to get work done. Layout of that lab is poor for teaching now that it is used for a class room.
29	Feb 6, 2013 3:57 PM	Upper library computers need to be updated. Currently they are outdated and slow.
30	Feb 4, 2013 6:51 PM	As a start, the ceiling mounted projector. Having more computers in the lab would be helpful in doing student projects and labs involving technolory
31	Feb 4, 2013 5:22 PM	An organized sharing of technology expertise within the high school faculty
32	Feb 4, 2013 4:24 PM	Gaining student access to PCs. The info center often requires reservations 2 weeks in advance. A dedicated writing lab would be best.
33	Feb 4, 2013 3:09 PM	Professional development on intersting ways to use Google Docs, blogs, etc.
34	Feb 4, 2013 2:55 PM	I am not feeling a need for more than what I currently have! That's why I couldn't assign priorities to the chart above. My classroom computers are a little slow, but I know that they are scheduled to be upgraded soon and they are not interfering with instruction.
35	Feb 4, 2013 2:40 PM	faster computers in the classroom;
36	Feb 4, 2013 2:36 PM	Open access to internet (stop blocking sites for teachers) ; Ability to load software (when I have asked for certain packages to be installed, they get installed but then disappear with next major upgrade...)
37	Feb 4, 2013 2:27 PM	1. professional development that is beyond the introductory level for software applications (PowerPoint, Google websites, Google Drive);
38	Feb 4, 2013 2:13 PM	I could use several more ipads in the classroom.
39	Feb 4, 2013 2:03 PM	Fastest computers and network available with as much memory as possible. Waiting for computers to login/logout wastes time. More and more content is audiovisual-based. This, of course, requires more speed to download and present effectively. Thank you for your interest.
40	Feb 4, 2013 1:52 PM	communicating with students via twitter google+
41	Feb 4, 2013 1:47 PM	Hardware
42	Feb 4, 2013 1:37 PM	more software training

13. Feel free to provide any additional comments you have about the state of technology in our district.

Answer Options	Response Count
	15
answered question	15
skipped question	44

Number	Response Date	Response Text Categories
1	Feb 14, 2013 1:56 PM	I believe the district is better than most but can still improve
2	Feb 14, 2013 1:15 PM	I think the school provides adequate technology to mainstream classrooms. However, I think departments space used by the PE department is not considered when adding hardware and other technology to classrooms.
3	Feb 14, 2013 12:48 PM	Since there are classes in the labs it is very hard to book time for my class to visit.
4	Feb 14, 2013 12:15 PM	I am doing a paperless classroom next year and I feel that the District does not have adequate resources to support this initiative.
5	Feb 14, 2013 11:50 AM	Maintaining technology is obviously cost prohibitive. Allowing students to bring their own Laptop, netbook or ipad would be beneficial if we could control what site they are on. Smart phones are a distraction, I am not sure that other devices would be beneficial or detrimental.
6	Feb 14, 2013 11:40 AM	Students are already distracted enough with cell phone use-- using a lap top would be a technology nightmare. Getting them to do homework on their computers at home is tough enough. Tech should be used with specific lesson objectives and goals in mind, not just to use 'tech'.
7	Feb 14, 2013 12:45 AM	I don't consider myself technologically savy. I know just enough to do what I need to do, but would like to do more. I learn best with 1 to 1 instruction. I don't want a professional development workshop teaching me lots of things I really am not interested in. I would like to have someone who will sit with me individually and help me with just the things I have questions about. I don't think I have access to such an individual now.
8	Feb 11, 2013 1:32 PM	I use technology every day and find having a portable notebook that is wireless has reduced a great deal of time in preparatio of materials for students, allow for students to use "on the spot." Many of my classes have a mix of classified and "typical" learners. Having technology handy allows me to quickly provide PFD format of work docs that students can listen to with their headphones. This is critical to their educational developement, and it prevents delay in providing student (ie SLD) with appropriate methods to learn.
9	Feb 7, 2013 1:55 PM	Especially when compared to other districts, I am extremely happy with my own and my students' access to computers and technology. I use it when it suits and enhances my pedagogy, but will not allow it to replace me as the most important resource for my students. Like most teachers, I am excited when I find a great website or article, and I often email the link to my students using school outlook distributions lists as I have learned that they all check email but rarely go to websites.
10	Feb 4, 2013 5:22 PM	Some teachers have run away with new technology and some teachers aren't sure how to efficiently incorporate technology into their instruction while still completing their curricular goals
11	Feb 4, 2013 4:24 PM	While iPads/Kindles/Nooks may be a viable alternative to textbooks (and possibly an improvement), we often make assumptions about technology that may not hold weight. Is it a certainty that a technology-infused lesson inspires greater learning than a lesson without? More research needs to be done about this. I think it's possible to spend millions on technologies that have a negligible impact on student achievement.
12	Feb 4, 2013 2:55 PM	The IT staff is extremely helpful and responsive, especially when there is a problem that affects instruction.
13	Feb 4, 2013 2:36 PM	This survey should not require that we select 5 areas in need of tranining. I dont have any!
14	Feb 4, 2013 2:27 PM	thanks for all the hard work that you do!
15	Feb 4, 2013 1:52 PM	you guys are doing a great job keeping us up to date. would love to give imput on the ipad and hear about others use of tablets.

Faculty Technology Needs Assessment 2013 (Satz)

1. My specialty is

Answer Options	Response Percent	Response Count
Math-Science	19.4%	6
Humanities	29.0%	9
Physical Education	6.5%	2
Arts	6.5%	2
Special Ed.	16.1%	5
World Language	6.5%	2
Technology	3.2%	1
Other	12.9%	4
answered question		31
skipped question		0

2. Training/workshops in technology standards, resources and uses meets my needs.

Answer Options	Response Percent	Response Count
Strongly agree	9.7%	3
Agree	58.1%	18
NA/Don't Know	9.7%	3
Disagree	22.6%	7
Strongly Disagree	0.0%	0
answered question		31
skipped question		0

3. Technology equipment is sufficiently modern (fast), available and reliable enough to carry out my lesson plans

Answer Options	Response Percent	Response Count
Strongly Agree	6.5%	2
Agree	54.8%	17
N/A Don't Know	9.7%	3
Disagree	29.0%	9
Strongly Disagree	0.0%	0
answered question		31
skipped question		0

4. Training and support for CURRENT hardware, applications and information systems meets my needs (e.g. Using a PC, Elmo, Projector, MS Office, Google Docs,

Answer Options	Response Percent	Response Count
Strongly agree	12.9%	4
Agree	71.0%	22
NA/Don't Know	3.2%	1
Disagree	12.9%	4
Strongly Disagree	0.0%	0
answered question		31
skipped question		0

5. Students have adequate access to computers

Answer Options	Response Percent	Response Count
Agree	67.7%	21
Disagree	32.3%	10
answered question		31
skipped question		0

6. How frequently do you Personally use the following in school – please select the appropriate answer for each one

Answer Options	never	annually	monthly	weekly	daily	N/A	Response Count
Email	0	0	0	0	31	0	31
Google Docs	4	6	9	6	6	0	31
SharePoint	2	3	10	11	3	0	29
Microsoft Word	0	0	2	9	20	0	31
Microsoft Excel	11	4	8	3	3	2	31
Microsoft PowerPoint	6	3	12	4	5	1	31
Update the classroom website	8	2	3	5	8	4	30
answered question							31
skipped question							0

7. How often do you use the following technologies With Your Students (check all that apply)

Answer Options	Never	Infrequently (Annually)	Somewhat Infrequently (Monthly)	Somewhat Regularly (Weekly)	Regularly (Daily)	Response Count
Notebook Computer	16	1	4	5	4	30
SmartBoard	26	2	0	1	1	30
Elmo document camera	18	4	4	1	2	29
iPod, MP3 player, Audio recorder for podcasts	15	3	7	1	2	28
Digital camera or video recorder	13	8	7	1	0	29
Classroom website	13	2	4	3	7	29
Internet (e.g. Study Island, United Streaming, You Tube,	1	1	7	15	6	30
Google Docs	10	4	7	6	3	30
LanSchool	19	5	4	0	1	29
Classroom Blog or Wiki	27	1	1	0	1	30
School e-mail	1	0	4	4	21	30
Other (please specify in the box below)						3
answered question						30
skipped question						1

Number	Response Date	Other (please specify in the box below)	Categories
1	Jan 31, 2013 7:17 PM	Schoolnotes.com	
2	Jan 31, 2013 6:58 PM	Chinese word processor/ NJ star	
3	Jan 31, 2013 6:39 PM	Projector with computer daily (instead of elmo)	

8. I need assistance or professional development in... (please select the FIVE most needed areas)

Answer Options	Response Percent	Response Count
Microsoft Windows Operating System	9.7%	3
Microsoft Word (formatting, mail merge, etc.)	16.1%	5
Microsoft Excel (tables, graphing, etc)	41.9%	13
Microsoft PowerPoint	35.5%	11
Google Docs	48.4%	15
PowerSchool	6.5%	2
Assessing student technology literacyin accordance with	41.9%	13
How to integrate technology to satisfy the Common Core	61.3%	19
Presenting with a LCD TV or Projector	9.7%	3
SharePoint doc, lesson & resource sharing	48.4%	15
SharePoint Bulletin Board	29.0%	9
Website Development (Google Sites)	54.8%	17
Creating Podcasts	58.1%	18
Twitter (Professional)	41.9%	13
Other (please specify)		4
answered question		31
skipped question		0

Number	Response Date	Other (please specify)	Categories
1	Feb 13, 2013 12:43 PM	nothing	
2	Feb 1, 2013 3:13 PM	computer assivitve tech for visually impaired	
3	Feb 1, 2013 1:34 PM	Study Island	
4	Jan 31, 2013 6:58 PM	Training for ipad & smartboard	

9. Since resources are limited, please assist us by ranking the following items in priority order. Please select only one item per column and one number per row. Please rank the technology infusion aides below according to benefit. (rank 1=most beneficial item and 7=the least beneficial item)   Please do not rank multiple items as equal. Use each number (rank) only once.

Answer Options	1	2	3	4	5	6	7	Rating Average	Response Count
Professional development explaining the technology	3	1	4	6	6	4	4	3.61	28
Professional development on how to satisfy the tech	1	4	3	8	4	5	2	3.78	27
Professional development on using the hardware and	3	2	9	4	6	2	1	4.33	27
Obtaining a ceiling mounted projector	6	2	3	1	5	4	6	3.78	27
Obtaining more computers in the classroom	10	9	1	5	0	2	2	5.34	29
Obtaining more access to the computer lab	5	5	6	3	1	3	6	4.21	29
Access to a technology teacher leader	1	5	3	2	6	6	5	3.39	28
answered question									30
skipped question									1

10. I take advantage of technology workshops, screencasts and/or web-based learning/training

Answer Options	Response Percent	Response Count
Regularly	6.5%	2
Somewhat Regularly	32.3%	10
Somewhat Infrequently	32.3%	10
Infrequently	25.8%	8
Never	3.2%	1
answered question		31
skipped question		0

11. Would you be supportive of students being allowed to bring their personal notebooks into your class? (Does Not Apply to Village School)

Answer Options	Response Percent	Response Count
Very Supportive	41.9%	13
Supportive	38.7%	12
Not Supportive	12.9%	4
Strongly Oppose	0.0%	0
N/A	6.5%	2
answered question		31
skipped question		0

12. What is your biggest technology need? This could be some type of hardware, software, professional development or something else.

Answer Options	Response Count
	15
answered question	15
skipped question	16

Number	Response Date	Response Text Categories
1	Feb 14, 2013 4:41 PM	Classroom set of Laptops.
2	Feb 4, 2013 1:20 PM	Time to play with what is available!
3	Feb 1, 2013 3:13 PM	Special Ed classes need to be equiped with enough desk tops and/or laptops for all students to have access in a given period
4	Feb 1, 2013 1:34 PM	I need a ceiling mounted projector that also provides sound.
5	Jan 31, 2013 8:27 PM	I need all my students to have personal access to a computer of some kind every time I see them so I can evolve my teaching to the next level. Barring
6	Jan 31, 2013 7:25 PM	Elmo
7	Jan 31, 2013 7:14 PM	I, personally, would love access to an ELMO for my English classes. I feel that we need more professional development on how to use technology effectively in classrooms to engage students instead of the projectors being glorified chalkboards. Suggestions for technology based projects and assessment opportunities would be appreciated as well as training for how to use them effectively.
8	Jan 31, 2013 7:10 PM	learning tech for visually impaired
9	Jan 31, 2013 6:58 PM	Develope lesson plan with computer power point and other resources.
10	Jan 31, 2013 6:47 PM	Use of IPad in class.
11	Jan 31, 2013 6:41 PM	More access to computers for classes. There never seems to be enough computer lab time available. Students do, however, have plenty of time during lunch, homeroom, etc. to use the computers on their own time, which is good.
12	Jan 31, 2013 6:40 PM	Updated Computer
13	Jan 31, 2013 6:39 PM	My technology needs are being met...it would be nice, however, to have a few computers in my classroom so students wouldn't have to leave to visit the computer lab so often. I have a lot of long-term projects and having a few computers in the classroom would enable students to pace themselves better and be more productive during indepedent work days.
14	Jan 31, 2013 6:32 PM	Incorporating the technology students enjoying using daily, such as phones, ipods, ipads into an educational application without the devices being distracting.
15	Jan 31, 2013 6:32 PM	obtaiing laptops so my students can use themin class; I only have three and I NEED more in order to satify technology standards (the labs are ALWAYS) booked and English requires a great deal of writing.

13. Feel free to provide any additional comments you have about the state of technology in our district.

Answer Options	Response Count
	8
answered question	8
skipped question	23

Number	Response Date	Response Text	Categories
1	Feb 14, 2013 4:41 PM	I need to take advantage of technology courses offered over the summer.	
2	Feb 13, 2013 12:43 PM	My computer takes FOREVER to do ANYTHING after lunch. Every day......	
3	Feb 4, 2013 1:20 PM	Time is needed to help plan infusing the technology standards in the curriculum. Teams of teachers should get time to plan activities to address the standards for every grade level.	
4	Jan 31, 2013 8:27 PM	We're in good-but-not-great shape. Getting to a one-to-one computing situation would help, whether that's by having students bring their own or whether it's subsidized by us. We also need teachers to be interested in changing how they teach - it shouldn't be about "memorize this fact" anymore, it should be	
5	Jan 31, 2013 6:58 PM	How we use ipad to connect our lap top and project on white board.	
6	Jan 31, 2013 6:47 PM	I already have a projector in class so I ranked it low on priority but if I didn't have one in my room it would be detrimental.	
7	Jan 31, 2013 6:39 PM	You are all doing great moving us in the right direction! Make sure to keep the LPDC in the loop so we can provide the professional development for the tech plans you have in the future.	
8	Jan 31, 2013 6:32 PM	I think over the past five years I have worked here, it has greatly improved. There are more proejctors, computers, cameras, etc available for school use.	

Faculty Technology Needs Assessment 2013 (Indian Hill)

1. My grade level is

Answer Options	Response Percent	Response Count
Fourth	18.8%	6
Fifth	25.0%	8
Sixth	31.3%	10
Multiple Grade Levels or Special	25.0%	8
answered question		32
skipped question		0

2. Training/workshops in technology standards, resources and uses meets my needs.

Answer Options	Response Percent	Response Count
Strongly agree	15.6%	5
Agree	34.4%	11
NA/Don't Know	9.4%	3
Disagree	28.1%	9
Strongly Disagree	12.5%	4
answered question		32
skipped question		0

3. Technology equipment is sufficiently modern (fast), available and reliable enough to carry out my lesson plans

Answer Options	Response Percent	Response Count
Strongly Agree	6.3%	2
Agree	43.8%	14
N/A Don't Know	3.1%	1
Disagree	37.5%	12
Strongly Disagree	9.4%	3
answered question		32
skipped question		0

4. Training and support for CURRENT hardware, applications and information systems meets my needs (e.g. Using a PC, Elmo, Projector, MS Office, Google Docs,

Answer Options	Response Percent	Response Count
Strongly agree	3.2%	1
Agree	58.1%	18
NA/Don't Know	9.7%	3
Disagree	29.0%	9
Strongly Disagree	0.0%	0
answered question		31
skipped question		1

5. Students have adequate access to computers

Answer Options	Response Percent	Response Count
Agree	43.8%	14
Disagree	56.3%	18
	answered question	32
	skipped question	0

6. How frequently do you Personally use the following in school – please select the appropriate answer for each one

Answer Options	never	annually	monthly	weekly	daily	N/A	Response Count
Email	0	1	0	0	31	0	32
Google Docs	13	4	3	4	3	3	30
SharePoint	0	1	6	21	4	0	32
Microsoft Word	0	0	0	9	23	0	32
Microsoft Excel	15	4	5	2	2	4	32
Microsoft PowerPoint	7	3	12	6	3	1	32
Update the classroom website	9	3	5	7	2	5	31
					answered question		32
					skipped question		0

7. How often do you use the following technologies With Your Students (check all that apply)

Answer Options	Never	Infrequently (Annually)	Somewhat Infrequently (Monthly)	Somewhat Regularly (Weekly)	Regularly (Daily)	Response Count
Notebook Computer	12	2	1	7	7	29
SmartBoard	25	2	2	0	1	30
Elmo document camera	9	2	1	5	13	30
iPod, MP3 player, Audio recorder for podcasts	23	5	1	0	2	31
Digital camera or video recorder	18	6	5	1	0	30
Classroom website	14	2	3	7	4	30
Internet (e.g. Study Island, United Streaming, You Tube,	0	0	2	13	17	32
Google Docs	15	3	8	1	3	30
Easy Tech (4th grade only)	10	0	2	4	0	16
SynchronEyes or LanSchool	16	3	6	4	1	30
Classroom Blog or Wiki	22	0	5	0	2	29
School e-mail	2	0	1	2	26	31
E Reader	22	2	3	2	1	30
Other (please specify in the box below)						3
					answered question	32
					skipped question	0

Number	Response Date	Other (please specify in the box below)	Categories
1	Feb 18, 2013 4:47 PM	I do not have half of this equipment in my classroom..no Elmo, no Smartboard.	
2	Feb 4, 2013 6:18 PM	Animoto	
3	Feb 4, 2013 4:15 PM	laptop projector weekly	

8. I need assistance or professional development in... (please select the FIVE most needed areas)

Answer Options	Response Percent	Response Count
Microsoft Windows Operating System	12.5%	4
Microsoft Word (formatting, mail merge, etc.)	18.8%	6
Microsoft Excel (tables, graphing, etc)	50.0%	16
Microsoft PowerPoint	31.3%	10
Google Docs	71.9%	23
PowerSchool	28.1%	9
Assessing student technology literacyin accordance with	37.5%	12
How to integrate technology to satisfy the Common Core	65.6%	21
Presenting with a LCD TV or Projector	25.0%	8
SharePoint doc, lesson & resource sharing	34.4%	11
SharePoint Bulletin Board	3.1%	1
Website Development (Google Sites)	46.9%	15
Creating Podcasts	50.0%	16
Twitter (Professional)	31.3%	10
Other (please specify)		3
answered question		32
skipped question		0

Number	Response Date	Other (please specify)	Categories
1	Feb 4, 2013 6:00 PM	smart board - can we get mounted ones? or Promethian?	
2	Feb 4, 2013 4:15 PM	Twitter Advanced Session & Creating and maintaining a classroom blog	
3	Feb 4, 2013 3:55 PM	study island, blogging, animoto	

9. Since resources are limited, please assist us by ranking the following items in priority order. Please select only one item per column and one number per row. Please rank the technology infusion aides below according to benefit. (rank 1=most beneficial item and 7=the least beneficial item)   Please do not rank multiple items as equal. Use each number (rank) only once.

Answer Options	1	2	3	4	5	6	7	Rating Average	Response Count
Professional development explaining the technology	5	3	3	3	3	6	6	3.69	29
Professional development on how to satisfy the tech	2	6	2	5	6	7	2	3.80	30
Professional development on using the hardware and	2	4	8	4	6	4	3	3.97	31
Obtaining a ceiling mounted projector	3	5	4	5	2	1	10	3.63	30
Obtaining more computers in the classroom	8	7	6	3	2	3	2	4.97	31
Obtaining more access to the computer lab	2	4	7	4	6	6	3	3.81	32
Access to a technology teacher leader	10	3	2	7	5	2	3	4.63	32
answered question									32
skipped question									0

10. I take advantage of technology workshops, screencasts and/or web-based learning/training

Answer Options	Response Percent	Response Count
Regularly	29.0%	9
Somewhat Regularly	32.3%	10
Somewhat Infrequently	22.6%	7
Infrequently	9.7%	3
Never	6.5%	2
answered question		31
skipped question		1

11. Would you be supportive of students being allowed to bring their personal notebooks into your class? (Does Not Apply to Village School)

Answer Options	Response Percent	Response Count
Very Supportive	45.2%	14
Supportive	38.7%	12
Not Supportive	6.5%	2
Strongly Oppose	0.0%	0
N/A	9.7%	3
	answered question	31
	skipped question	1

12. What is your biggest technology need? This could be some type of hardware, software, professional development or something else.

Answer Options	Response Count
	22
answered question	22
skipped question	10

Number	Response Date	Response Text Categories
1	Feb 18, 2013 4:47 PM	I need an Elmo, more computers in my classroom, and a method of trying that includes written instructions, perhaps a manual for using the tech we have. I find most tech workshops hands on with hardly any writing instructions. That is very useful. However, when you are back in the classroom and have forgotten, it would be great to have a document to remind you how to perform the task you are attempting.
2	Feb 14, 2013 1:12 PM	An Elmo, Television, projector, and a Dvd player.
3	Feb 13, 2013 10:26 PM	SMART board
4	Feb 13, 2013 9:53 PM	SMART BOARD projector for my room, more laptops or ipads for students to use.
5	Feb 11, 2013 6:26 PM	Ipad labs and instructon on how to increase standardized test performance using Ipads.
6	Feb 5, 2013 2:26 PM	Computer Lab teacher and more training.
7	Feb 5, 2013 1:49 PM	A new SmartBoard Set up
8	Feb 5, 2013 1:49 PM	I don't know specifically how to incorporate certain technology into my special area
9	Feb 5, 2013 12:50 PM	Students are blocked from accessing educational web sites.
10	Feb 4, 2013 7:39 PM	ipad purchase for class
11	Feb 4, 2013 7:13 PM	Professional development on using the ELMO, projectors and other tech resources that we currently have available in district
12	Feb 4, 2013 6:18 PM	More time and instruction to learn and experiment with the resources available.
13	Feb 4, 2013 6:00 PM	I would absolutely love to have a mounted smart board or Promethian in my classroom for daily technology integration. I also think more computers are
14	Feb 4, 2013 5:51 PM	I would love to have more outlets and computers in my room. Also, a smartboard would be a great tool to have in the room.
15	Feb 4, 2013 4:15 PM	More PD in technology use within a classroom and technologies available to teachers.
16	Feb 4, 2013 4:14 PM	Guidance on how to use various sites, eg. google docs, twitter, etc.
17	Feb 4, 2013 4:11 PM	Guidance and support - I wish Caren was a full time tech person at Indian Hill.
18	Feb 4, 2013 3:55 PM	I would LOVE an ipad.....I could make tremendous use of it! Please!!!
19	Feb 4, 2013 3:53 PM	Training
20	Feb 4, 2013 3:53 PM	computers for students to use
21	Feb 4, 2013 3:53 PM	SmartBoard Projector
22	Feb 4, 2013 3:52 PM	prof development website Excel

13. Feel free to provide any additional comments you have about the state of technology in our district.

Answer Options	Response Count
	9
answered question	9
skipped question	23

Number	Response Date	Response Text	Categories
1	Feb 14, 2013 1:12 PM	I would love to use more technology in my classroom if I had it available. I do not even have a television in my room. When I do a Brainpop video with my class we have to sit around a small computer screen which causes behaviors.	
2	Feb 13, 2013 10:26 PM		
3	Feb 13, 2013 9:53 PM	I feel technology is crucial in the 21st century classroom. I wish Holmdel provided teachers with interactive whiteboards (SMART board, Promethian Board, etc.) so we could integrate technology into our lessons. The interactive whiteboards will enable us to bring textbook concepts to life!	

First and foremost, having Caren is a Godsent! Having someone that is able to provide you with the support you need to enhance your lessons with technology infusion is amazing. Everyone knows that our plates are overflowing and to have to spend hours navigating the net to find some great tech resources or ideas to enhance our lessons is not realistic at this point let's face it. So I would love to see her become a full time coach! I would have never considered having a blog, or using animoto, or any of the many other tech tools prior to Caren showing how I can use them with my class, now I can't imagine teaching without them! Holmdel wants to provide their students with the best education and give them 21st century skills, but as a teacher that is difficult when is little access to the technology tools you need to go around. I can only imagine how much more diversified and engaging my lessons would be if I had a wall mounted smart board – or one that could turn my white board into a smart board when necessary! A ceiling mounted projector would also be fabulous. I have friends that work in other districts that have smart boards (the white board becomes a smart board), ceiling mounted projectors and laptops for their students. Some even have students that bring in their iPads. While I understand that this is difficult and costly, I believe that given more technology hardware and opportunities for professional development and having a tech coach to guide us and help us we can truly start providing our students with the kind of classroom experience they should be getting, one that is differentiated, exciting and provides technology integration that will help students be prepared for Satz and beyond!

Number	Response Date	Response Text	Categories
4	Feb 11, 2013 6:26 PM	Holmdel seems very behind the times regarding student access to technology via school.	
5	Feb 4, 2013 6:18 PM	It is imperative that Indian Hill have a full time technology coach if we are to keep up with the all the new advances in the field as well as the mandated standards!	

I have lots of friends who are educators in nearby districts, and I must admit that I sometimes feel they are much better off in terms of the technology they have available to them. Even my own children, who attend the Freehold schools come home with all of these things printed in color and I am so jealous! I wish I could make these beautiful things for my students and parents, but the resources are just not there. Having a computer teacher is vital - these kids just don't know how to type and it is such an essential life-long skill. I do my best to reinforce with games like Typing Pal, but my time is limited with everything else I want to accomplish during my precious computer lab time. Also, in many comparable districts, each classroom is equipped with smartboard technology mounted to the wall, mounted projectors, color copiers, and enough laptops for all students to have easy access to. Some districts even have i-pads for their students. I do, however, realize that it is not the AMOUNT of technology one has, but rather how often it is used and put to good use on a daily basis. I think there are enough teachers who WOULD use it to the best of their ability to make it worth it. At least put these resources to use in the teacher's rooms that are amenable to using it on a daily basis with their students. Give us a chance to be the best teachers we can possibly be. Give us the resources, give us access to training (even if it is self taught), and perhaps even a little time to adapt it to our classroom needs. That would be heaven!

Number	Response Date	Response Text	Categories
7	Feb 4, 2013 4:11 PM	We REALLY need a technology coach or computer teacher at Indian Hill full time. Students and teachers would benefit greatly.	
8	Feb 4, 2013 3:55 PM	If I had a board mounted Smartboard I would've used it more, it was too cumbersome to move from class to class. I wish we had them mounted on the white boards a long time ago. I feel that we are behind. I only just recently received a student laptop for my class. I make good use of the technology in my class and in the school, but I could do so much more with science and social studies if I had an ipad to enhance my lessons. Thanks, K. Bradley	
9	Feb 4, 2013 3:53 PM	Need more training and reliable equipment	

Faculty Technology Needs Assessment 2013 (Village)

1. My grade level is

Answer Options	Response Percent	Response Count
Pre-K	6.9%	2
K	10.3%	3
1	20.7%	6
2	10.3%	3
3	13.8%	4
Multiple Grade Levels or Special	37.9%	11
	answered question	29
	skipped question	0

2. Training/workshops in technology standards, resources and uses meets my needs.

Answer Options	Response Percent	Response Count
Strongly agree	3.4%	1
Agree	27.6%	8
NA/Don't Know	17.2%	5
Disagree	48.3%	14
Strongly Disagree	3.4%	1
	answered question	29
	skipped question	0

3. Technology equipment is sufficiently modern (fast), available and reliable enough to carry out my lesson plans

Answer Options	Response Percent	Response Count
Strongly Agree	10.3%	3
Agree	44.8%	13
N/A Don't Know	3.4%	1
Disagree	34.5%	10
Strongly Disagree	6.9%	2
	answered question	29
	skipped question	0

4. Training and support for CURRENT hardware, applications and information systems meets my needs (e.g. Using a PC, Elmo, Projector, MS Office, Google Docs,

Answer Options	Response Percent	Response Count
Strongly agree	0.0%	0
Agree	48.3%	14
NA/Don't Know	20.7%	6
Disagree	27.6%	8
Strongly Disagree	3.4%	1
	answered question	29
	skipped question	0

5. Students have adequate access to computers

Answer Options	Response Percent	Response Count
Agree	55.2%	16
Disagree	44.8%	13
	answered question	29
	skipped question	0

6. How frequently do you Personally use the following in school – please select the appropriate answer for each one

Answer Options	never	annually	monthly	weekly	daily	N/A	Response Count
Email	0	0	0	0	29	0	29
Google Docs	17	5	2	3	1	0	28
SharePoint	4	2	6	12	3	1	28
Microsoft Word	0	0	0	4	25	0	29
Microsoft Excel	12	5	5	2	3	1	28
Microsoft PowerPoint	8	7	7	5	2	0	29
Update the classroom website	11	6	3	2	2	5	29
					answered question		29
					skipped question		0

7. How often do you use the following technologies With Your Students (check all that apply)

Answer Options	Never	Infrequently (Annually)	Somewhat Infrequently (Monthly)	Somewhat Regularly (Weekly)	Regularly (Daily)	Response Count
Notebook Computer	17	1	3	3	3	27
SmartBoard	22	2	5	0	0	29
Elmo document camera	25	1	0	0	3	29
iPod, MP3 player, Audio recorder for podcasts	22	1	3	0	3	29
Digital camera or video recorder	13	9	3	3	0	28
Classroom website	17	4	3	3	2	29
Internet (e.g. Study Island, United Streaming, You Tube,	1	2	8	12	6	29
Google Docs	21	6	1	1	0	29
Easy Tech (Gr. 3 only)	16	0	3	3	0	22
SynchronEyes or LanSchool	28	0	0	0	0	28
Classroom Blog or Wiki	28	1	0	0	0	29
Keyboarding Software or App	16	7	1	5	0	29
Other (please specify in the box below)						3
				answered question		29
				skipped question		0

Number	Response Date	Other (please specify in the box below)	Categories
1	Feb 4, 2013 12:45 PM	ipads - daily	
2	Feb 1, 2013 9:24 PM	would like to use some of these items, there not avaialbe or further training is required	
3	Feb 1, 2013 8:07 PM	IEP Planner, rethink autism	

8. I need assistance or professional development in... (please select the FIVE most needed areas)

Answer Options	Response Percent	Response Count
Microsoft Windows Operating System	10.3%	3
Microsoft Word (formatting, mail merge, etc.)	24.1%	7
Microsoft Excel (tables, graphing, etc)	41.4%	12
Microsoft PowerPoint	48.3%	14
Google Docs	82.8%	24
PowerSchool	3.4%	1
Assessing student technology literacyin accordance with	37.9%	11
How to integrate technology to satisfy the Common Core	75.9%	22
Presenting with a LCD TV or Projector	20.7%	6
SharePoint doc, lesson & resource sharing	34.5%	10
SharePoint Bulletin Board	10.3%	3
Website Development (Google Sites)	69.0%	20
Creating Podcasts	37.9%	11
Twitter (Professional)	24.1%	7
Other (please specify)		7
	answered question	29
	skipped question	0

Number	Response Date	Other (please specify)	Categories
1	Feb 4, 2013 6:51 PM	Using the interactive smart boards	
2	Feb 4, 2013 3:27 PM	IPAD use in the classroom	
3	Feb 4, 2013 2:02 PM	none	
4	Feb 4, 2013 12:14 PM	video	
5	Feb 1, 2013 9:24 PM	drop box, smartboard	
6	Feb 1, 2013 9:11 PM	We need a technology teacher. For young students you need time to setup the lab and a trained technology teacher to lead the class and then allow the classroom teacher to assist.	
7	Feb 1, 2013 7:49 PM	subject area specific applications	

9. Since resources are limited, please assist us by ranking the following items in priority order. Please select only one item per column and one number per row. Please rank the technology infusion aides below according to benefit. (rank 1=most beneficial item and 7=the least beneficial item)   Please do not rank multiple items as equal. Use each number (rank) only once.

Answer Options	1	2	3	4	5	6	7	Rating Average	Response Count
Professional development explaining the technology	3	2	3	8	5	2	5	3.71	28
Professional development on how to satisfy the tech	0	9	6	3	1	6	2	4.19	27
Professional development on using the hardware and	7	5	7	2	5	2	1	4.90	29
Obtaining a ceiling mounted projector	1	3	0	5	5	2	9	2.92	25
Obtaining more computers in the classroom	5	3	3	3	6	5	2	4.07	27
Obtaining more access to the computer lab	1	2	7	1	2	7	7	3.15	27
Access to a technology teacher leader	12	4	1	5	2	3	1	5.21	28
							answered question		29
							skipped question		0

10. I take advantage of technology workshops, screencasts and/or web-based learning/training

Answer Options	Response Percent	Response Count
Regularly	0.0%	0
Somewhat Regularly	24.1%	7
Somewhat Infrequently	44.8%	13
Infrequently	24.1%	7
Never	6.9%	2
	answered question	29
	skipped question	0

11. Would you be supportive of students being allowed to bring their personal notebooks into your class? (Does Not Apply to Village School)

Answer Options	Response Percent	Response Count
Very Supportive	4.3%	1
Supportive	13.0%	3
Not Supportive	4.3%	1
Strongly Oppose	0.0%	0
N/A	78.3%	18
	answered question	23
	skipped question	6

12. What is your biggest technology need? This could be some type of hardware, software, professional development or something else.

Answer Options	Response Count
	17
answered question	17
skipped question	12

Number	Response Date	Response Text	Categories
1	Feb 8, 2013 8:40 PM	Learn more about Power Point.	
2	Feb 6, 2013 1:04 AM	I do not know what to teach them. A technology teacher would be awesome.	
3	Feb 4, 2013 9:55 PM	iPads for classroom use	
4	Feb 4, 2013 8:24 PM	Technology teacher	
5	Feb 4, 2013 3:11 PM	flat screen or hanging projector connected to the computermore computers and music software	
6	Feb 4, 2013 12:45 PM	Faster and more reliable wifi in Village	
7	Feb 2, 2013 2:03 PM	professional development in current standards and being provided with the tools and opportunities to achieve them.	
8	Feb 2, 2013 2:03 PM	regular training support; helping students with written expression difficulties (act of handwriting and/or the writing process) ---> referring to hardware and software needs; this isn't just for classified students	
9	Feb 2, 2013 1:06 PM	ELMO	
10	Feb 1, 2013 9:24 PM	equipment for the students or access to equipment, training for the students and staff	
11	Feb 1, 2013 9:11 PM	A technology teacher, please! Classroom teachers are already responsible for all subject areas and we need a technology teacher to lead the computer lessons, and then we can assist.	
12	Feb 1, 2013 8:42 PM	IPADS	
13	Feb 1, 2013 8:29 PM	A computer teacher in Village	
14	Feb 1, 2013 8:13 PM	All of the above.	
15	Feb 1, 2013 8:01 PM	a technology curriculum and instructor	
16	Feb 1, 2013 7:49 PM	Access to more computers in the classroom as labs are often completely booked.	
17	Feb 1, 2013 7:34 PM	Elmo document camera	

13. Feel free to provide any additional comments you have about the state of technology in our district.

Answer Options	Response Count
	4
answered question	4
skipped question	25

Number	Response Date	Response Text	Categories
1	Feb 2, 2013 2:03 PM	Our district is behind - it would be beneficial if all classrooms are equipped with a teacher laptop, computer projector, document camera, and interactive whiteboard. Students should have regular access to computers. Having a class set daily is a dream, so maybe getting half a class set then students can rotate.	
2	Feb 1, 2013 9:24 PM	we need to be trained and than have access to the equipment on a regular basis	
3	Feb 1, 2013 8:01 PM	it's wonderful when it works and extremely frustrating waitng for help when it doesn't, especially with a class in the lab.	
4	Feb 1, 2013 7:34 PM	Tech are very supportive	

APPENDIX C

BOARD and DEPARTMENT OF EDUCATION APPROVAL

Board Approval:

AGENDA
REGULAR BUSINESS MEETING
INDIAN HILL CAFETORIUM
JUNE 12, 2013 7:00 PM

7c.   Acceptance of 2013 – 2016 Three Year Technology Plan

      Resolved: That the Board accept the 2013 – 2016 Three Year Technology Plan for the Holmdel Township Public Schools to be submitted to the State Department of Education, Monmouth County Office in accordance with State regulations, as on file in the Office of the Assistant Superintendent, Curriculum and Instruction.

      MOTION: Mr. Sockol   SECOND: Mrs. Wetmore   VOTE: 8-0
                        Absent: Mrs. Pascucci

I do hereby certify that the aforegoing is a true and exact copy of a resolution adopted by the Holmdel Board of Education

on _____ 6/12/13 _____

_____ Board Secretary/Business Administrator