

Three-Year Local School District/ Charter School
Technology Plan

July 1, 2007 through June 30, 2010

County: SUSSEX

County Code: 37

District/Charter School or Affiliation: High Point Regional

District Code: 2165

Grade Levels: 9-12

Web Site: www.hpregonal.org

Date Technology Plan approved by school board or governing body: Pending Board Approval in June 2007.

Is the district compliant with the Children's Internet Protection Act (CIPA)?
(Y/N) Y


Please indicate below the person to contact for questions regarding this
technology plan:

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Signature:  Date: March 29, 2007

Superintendent/Lead Person Approval:

District Superintendent/Lead Person: John W. Hannum, Ed. D.

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Phone: 973-875-7204

Signature:  Date: 3/29/07

County Coordinating Council Approval:

Lead Agent: (print) _____

Title: _____

E-mail: _____

Phone: _____

Signature: _____ Date: _____

HIGH POINT REGIONAL HIGH SCHOOL
LOCAL TECHNOLOGY PLAN 2007-2010

HIGH POINT REGIONAL HIGH SCHOOL DISTRICT

299 PIDGEON HILL ROAD
SUSSEX, NJ 07461

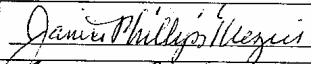
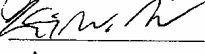
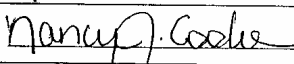
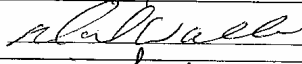
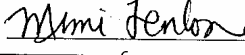
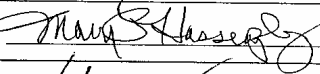
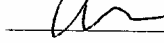
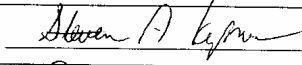
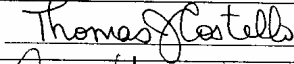
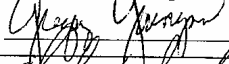
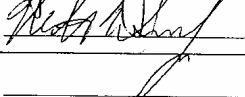
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Three-Year Local School District/ Charter School Technology Plan

July 1, 2007 through June 30, 2010

I. STAKEHOLDERS

Provide the title, name and signature of each member of the technology planning committee. It is expected that there will be representation from at least nine of the positions indicated on the stakeholder sample table. Please provide an explanation if there is not a minimum of nine members on the technology planning committee.

Dir., Curriculum & Instruction	Janice Phillips-Mezier	
Computer Assistant, Webmaster	Kevin Perry	
Network Specialist	Nancy Cooke	
Department Supervisor	Mark Wallace	
Library/Media Specialist	Mimi Fenlon	
Teacher	Mary Hassenplug	
Tech. Assistance, CNC Partner	Martin Slouka	
Business Administrator	Steve Kepnes	
Parent, Dept. Supervisor	Tom Costello	
Principal	Gregory Youngman	
Parent, BOE Member	Walter Stumpf	

II. EXECUTIVE SUMMARY

Describe the school district's or charter school's vision or mission statement

The Vision of the High Point Regional High School district:

The stakeholders of the High Point Regional High School district are committed to establishing High Point as one of the top schools in New Jersey by providing its students with a state-of-the-art, student-centered and multifaceted learning environment that encourages its students to actively participate in their own lives and in the community.

The Mission of the High Point Regional High School District:

High Point Regional High School, in partnership with staff, family, and community, is dedicated to the quest for excellence. By fostering high standards of achievement, we prepare students to become responsible and productive members of a diverse society.

III. TECHNOLOGY OVERVIEW

A. Technology

1. Provide an inventory of current technology networking and telecommunications equipment

There are approximately 500 computers located in classrooms, offices, labs, and worksites throughout the high school and in the administrative office building. Of these, 464 are attached to the Network. There are two computer labs: 1 with 46 workstations and 1 with 32 workstations. There are currently 12 computers and 5 laptops located in the library. Computers vary in age from 1 to 7 years, with 60% of our computers more than 3 years old. Supporting our computers, we have more than 100 printers located throughout the building with 38 of them being networked to multiple workstations. Where necessary, some locations are retrofitted with scanning and copying capabilities. In addition to this, 28 projectors both mounted and mobile, 13 Smartboards/Touchboards, laptops, PDAs, iPods, VCRs, DVD players and digital camera equipment are also utilized.

The network consists of 7 servers, both Novell and Windows operating systems working together to provide all the necessary services to our users. Computers are linked to the Internet via three T1 point to point dedicated lines (A third T1 line was added in 07, after it was identified as an improvement needed in 07-08). A fiber-based backbone distribution network is installed at the high school; six data port drops are located in every classroom in the building. All Windows based computers are connected to the backbone network and provide high quality access to the Internet. All staff and students have individual logons with their own storage space. Every staff member has his or her own email account, and some students also have email accounts at the teacher's request used to support specific curriculum. High Point hosts its own website with a full time webmaster on site to maintain it.

2. Describe the technology inventory needed to improve student academic achievement through 2010 including, but not limited to:

2007-2008

- In order to meet the needs of changing software and increasing demands in technology, upgrades will be done on all the existing workstations that are capable of running Windows XP as their operating system.
- Upon request, as needed to support curriculum, projectors and/or Smartboards will be purchased to add functionality to individual classroom locations.
- A third T1 line will be added to increase the bandwidth necessary to run the many contracted online services and software programs requested by each department specific to their needs.
- We will identify and demo test prep software for the areas of math, language arts, and science.
- A pilot program of wireless network access will be added to the Media Center. Existing wireless capable laptops will be used with this pilot program.
- A percentage of obsolete equipment will be replaced in locations throughout the building.
- An upgrade to the existing Webserver is planned to add functionality and storage space for the expansion of individual teacher webpages to the High Point Regional High School website.
- Upgrades to IDF switches will be done based upon need for additional ports due to the expansion of technology.
- We will pilot the use of closed/members only Blogs in the classroom for educational purposes.
- We will explore the use of a low cost video conference solution to provide home instruction.
- We will hire additional technology support staff to service the district needs in educational technology.

2008-2009

- Replacements will be done in the remaining classroom lab locations where workstations are still running Windows 98 based upon the district replacement plan, including but not limited to business classes, science classes, and technology classes.
- An upgrade to the Board of Education Server will be done based upon the district replacement plan.
- The integration of wireless network access will be expanded in the Media Center to include additional laptops available to both students and staff.
- We will integrate the use of closed/members only Blogs in the classroom for educational purposes.
- We will pilot the use of open blogs to communicate with community members.
- We will integrate the use of a low cost video conference solution to provide home instruction.
- Additional projectors and/or Smartboards will be purchased to add functionality to individual classroom locations as needed to support changing and expanding curriculum.
- Upgrades to IDF switches will be done in the area of AutoCAD and other Technology classes, to increase speed and capability to these areas that are using software that requires increased network functionality.
- We will recommend in the 08-09 local budget hiring an additional technology support staff person to service the district needs in information management (IT).

2009-2010

- Additional projectors and/or Smartboards will be purchased to add functionality to individual classroom locations as needed to support changing and expanding curriculum.
- Expand the use of a low cost video conference solution to provide professional development.
- Explore the use of video conference solution with sending districts to provide articulation.
- Upgrades to IDF switches will be done based upon need for wireless access point for the expansion of wireless project.
- The integration of wireless network access will be expanded by adding additional access points to designated areas of the building. This will allow laptops and PDAs to be used by students, staff, and administrators in multiple disciplines throughout the building.

3. Describe how the district integrates assistive technology devices into the network to accommodate student needs

There are communication devices, switches, and microphones being used in the multiply disabled and cognitively impaired programs. Individual laptops are utilized to assist students in both mainstream and self contained programs.

4. Describe how the district's web site is accessible to all stakeholders (for example using Federal Accessibility Standards)

High Point's District Web Site address is: www.hpregional.org

The public is always invited to view and to comment on the site as well as to help us make improvements. A recent survey of our students indicated that 92% of them have access to a computer at home. Our school library is equipped with over fifteen workstations and is open during and after school to accommodate students wishing to access our district website. High Point's Adult Education Program includes technology classes open to the community utilizing workstations where our website can be viewed. Our school building is handicap equipped and is in alignment with federal standards that require necessary ramps and access points allowing all students and members of the community to enter the building. Through the local Sussex County Branch of the Library, community members may access the site.

5. Describe the plan for replacing obsolete computers/technology and include the criteria for obsolescence.

In order to meet the goals and objectives of the district technology plan and the district vision, it is necessary to institute a replacement policy by which each year a percentage of the technology hardware is replaced. Ideally, twenty percent of our computers would be replaced each year. However, in the case of servers, it is recommended that servers be replaced every 3 years. Obsolescence in hardware or software is defined as occurring when the item is not able to support the existing technology required to meet the district goals and objectives. A complete inventory of our computer equipment is kept by the technician, with the configuration, location, and date of purchase noted. As new equipment is acquired, existing equipment is evaluated and re-deployed to where it will meet the needs of our students and staff. Equipment that is obsolete or broken beyond repair is disposed of properly. Sufficient budgetary funds each year are necessary in order to adhere to our replacement policy.

B. Cyber Safety

*1. List the filtering method(s) used.
(NOTE: Be specific as this is a federal mandate.)*

High Point Regional High School utilizes both a hardware and software solution for internet filtering. Hardware by Watchguard Technologies supported by Surf Control as well as Novell Border Manager blocking is in place and updated on a regular basis.

2. Identify the Acceptable Use Policies (AUP) used for students and staff and include a copy of the AUPs with the submission of this technology plan.

Every student attending High Point Regional High School must execute our Board approved Internet Use Agreement. This agreement holds the student responsible for his or her use of the school wide network both internally and internet access. This document is supported by the signatures of both student and parents. (See attached copy of policy)

3. *Explain how students are educated about online safety awareness.*

It is the intent of High Point Regional High School to educate its students regarding online safety through multiple methods. We offer guidance sponsored assemblies, teacher education through classroom instruction, as well as evening activities to encourage parental involvement.

4. *Provide information on how parental resources regarding online safety are made available to parents.*

High Point Regional High School will continue to offer evening activities/assemblies for parents as well as updated information through our monthly newsletter to address the awareness of online safety and educate our community in the process.

C. Needs Assessment

1. *Complete a needs assessment for educational technology in your school district or charter school. Begin by determining **current** status. Afterwards, determine the educational needs, prioritize the identified needs and establish necessary changes through goals and objectives.*

The needs of the High Point Regional High School district are:

- To replace all of the old, Windows '98 Machines;
- To purchase and install projectors in most classrooms;
- To hire additional qualified Technology Staff;
- To increase and manage our bandwidth;
- To establish a secure, wireless location in the building;
- To purchase and install Smart Boards in most classrooms and labs.

PRIORITIZED NEEDS

- To replace all of the old, Windows '98 Machines;
- To purchase and install projectors in most classrooms;
- To hire additional qualified Technology Staff;
- To increase and manage our bandwidth;
- To establish a secure, wireless location in the building;
- To purchase and install Smart Boards in most classrooms and labs.

a. *Evaluate staff's current practice in integrating technology across the curriculum.*

All staff is required to integrate technology across the curriculum. Through regular teacher observations, supervisors and administrators observe teachers using smart boards, PowerPoint presentations, iPods, calculators, and many types of software applications as a part of their curriculum.

As new hardware and software is developed, teachers are trained in the use of the new technology and in how it can enhance their curriculum.

b. *Provide a summary of teacher and library media personnel proficiency in the use of technology within the district.*

Teachers and library staff attend inservice professional development opportunities in the district and out of the district to enhance their skills. Most of our new teachers are already computer literate when they begin their careers, and we continue to train new and veteran teachers during the school year and in the summer. We also utilize technology service providers such as IDE and workshops offered through the consortium, New Jersey Educational Computing Consortium.

Teachers and library staff also collaborate within their departments to share best practices and to refine the delivery of technology in their classrooms.

We are fortunate to have a sixteen workstation Cyber classroom where the integration of technology into the language arts class is fully implemented. Teachers have the opportunity to learn from each other in this learning environment.

c. Determine the current educational environment and barriers by describing how:

i. staff are assured access to technology to facilitate technology integration,

Because funding has been scarce for technology in the district, we tend to not throw out old hardware. This has caused problems because often, old hardware doesn't have the capability and can't be retrofitted to run new applications. In some areas that need the latest software, for example in the GIS program and engineering classes, the old hardware does not permit our students or teachers to access the needed software. Many of the teachers still share a workstation in their department offices, and often need to go to another location in the building if the workstation is occupied.

ii. often students have access to technology in their learning environment,

All students do not have their own workstation or laptop in classrooms. We do not have wireless connections; however, in addition to the library, there are locations (Computer Labs) in the building where whole classes can be taken for computer access.

iii. the needs of staff are evaluated,

The Local Professional Development Committee, comprised of teacher and administrator representatives, determines the needs of the staff regarding professional development. Three and one half district professional development inservice days are held throughout the school year. Topics that are identified by the staff as areas of interest and/or as needed to accomplish the implementation of technology in the classroom are discussed by the committee and prioritized for the following school year. Opportunities are made available during inservice days, through off-site training and workshops, and in the evening for all staff to participate and refine their technology skills.

Following each inservice day, staff completes a survey. The results are evaluated by the Professional Development Committee to determine program effectiveness and to identify areas where the faculty believes professional development is needed in the future.

Our administration has also identified the need for a professionally completed Technology Audit which will assist us in forming a technology vision for High Point.

iv. the needs of students are evaluated,

The supervisor of Technology Education evaluates all of his course offerings with his teaching staff yearly. New courses are proposed and are approved by our board of education. Existing courses are reviewed and updated by the supervisor and his teachers during curriculum inservice days or during the summer. Student needs are identified by the technology teachers

and by the administrators. Curriculum revisions are made to address the needs of the students. Barriers may exist because of limited funding or because all of our hardware does not always support the newest technology software.

- v. *past professional development addressed the staff and students' needs for technology integration,*

New Jersey approved professional development providers have been utilized to provide the latest technology innovations and how they can be integrated in the classroom. In the past, professional development has been provided in the use of Smartboards for classroom instruction. Professional development provided also includes the implementation of Podcasts and the use of iPods in the World Language curriculum.

- vi. *past professional development for all administrators was provided to further the effective use of technology in the classroom or library media center,*

High Point has instituted the use of PDAs for administrators and supervisors. Professional development was provided when the PalmOne PDAs were distributed to the supervisors and administrators in the district.

- vii. *ongoing, sustained professional development was provided in 2006-2007 for all staff to further the effective use of technology in the classroom or library media center,*

Our Library/Media specialist also hosts various departments during our inservice days to demonstrate and explain the use of on line services such as United Streaming Video to our faculty and supervisors. She also reviews various web sites that assist teachers in utilizing technology in each department curriculum. Our webmaster conducts workshops for all teachers in the development and maintenance of teacher webpages.

- viii. *ongoing, sustained professional development was provided in 2006-2007 for administrators to further support the effective use of technology in the classroom or library media center,*

Supervisors have participated in professional development activities that show the value of reporting student data and utilizing student information, such as results from standardized testing in the HSPA, AP and SAT assessments. They have been shown how to use statistical software such as SPSS to analyze student results and make decisions to revise programs or curriculum based on current and/or previous data.

- ix. *supports were provided for staff other than professional development,*

Faculty has the opportunity to turn-key instruction they have received at off-site workshops and through off-campus training to their departments and to other teachers in the district. This can occur during inservice days or during the regular school day.

Our technology network manager also works with our faculty and department supervisors to explore and purchase software that has been found to assist in the integration of technology in the classroom or that supports student learning. New projectors for classroom use, for example, have continued to be purchased each year and at least one portable unit (computer and projector) is available for each of the eight departments.

- x. *Professional development needs and barriers related to using educational*

technology as part of instruction have been identified.

Our district has been supportive of new initiatives related to technology and the implementation of technology in the classroom. However, because of budgetary constraints we are faced with problems related to outdated hardware and machines that have been recycled for classroom use and may have outlived their usefulness. Also, a full time technology specialist on staff who had the knowledge, skills, and ability to provide professional development to our faculty would permit more in-house training and greater flexibility to schedule staff workshops.

2. *Based on the answers given above, indicate the needs of the district to improve academic achievement for all students through the integration of technology.*

The needs of the High Point Regional High School to insure the improvement of academic achievement in the district are:

- To replace all of the old, Windows '98 Machines;
- To purchase and install projectors in most classrooms;
- To hire additional qualified Technology Staff;
- To increase and manage our bandwidth;
- To establish a secure, wireless location in the building;
- To purchase and install Smart Boards in most classrooms and labs.

3. *Prioritize the identified needs*

- To replace all of the old, Windows '98 Machines;
- To purchase and install projectors in most classrooms;
- To hire additional qualified Technology Staff;
- To increase and manage our bandwidth;
- To establish a secure, wireless location in the building;
- To purchase and install Smart Boards in most classrooms and labs.

IV. THREE-YEAR GOALS AND OBJECTIVES

A. History

1. *List the goals from the 2004-07 plan.*

Three-Year Goals and Objectives

Goal #1 - To use technology to enhance content mastery as detailed in the New Jersey Core Curriculum Content Standards.

2004-2005 Objectives

- Ensure that all teachers are achieving competency with the role of technology (both directly and indirectly) in achieving the New Jersey Core Curriculum Content Standards and indicators. Through performance reviews and teacher observations, activities that support the enhancement of the CCCS through technology will be assessed for their effectiveness. Feedback will be provided by the department supervisors and administrators to support the classroom teachers.
- Provide the technology skills that teachers need to ensure competency.
- Utilize the International Society for Technology in Education (ISTE) performance indicators for

technology literacy, students in grades 9-12, to guide our content requirements.

2005-2006 Objectives

- Research the role of technology in increasing student achievement as measured by the High School Proficiency Assessment.
- Purchase on line services that are scientifically based and show proven results in increasing student performance. For example, the Learning Express online website will be utilized for High School Proficiency Assessment practice tests and quizzes. If research indicates that this technology has a positive effect in improving student performance on the HSPA, we will purchased student access accounts to provide on line, immediate assessments of student work for our HSPA prep teachers.

2006-2007 Objectives

- Provide a fulltime Technology Administrator to oversee the implementation of technology in the classroom, support the network operability, provide a vision of technology for the district, and serve as the main technology resource person for the students and teachers in the district.
- To use technology to build safe learning environments that promote the achievement of the New Jersey Cross Content, Workplace-Readiness Standards and technology literacy across the curriculum.
- To upgrade or redesign efficient communication links from each classroom to the main office and other identified areas where appropriate assistance can be provided should an emergency occur in the classroom or in the hallways.

Goal #2 - To build a culture of communication through technology.

2004-2005 Objectives

- To continue to upgrade the email network through which teachers and administrators regularly communicate.
- To continue to establish home/school connections through district, department, and teacher Web-based information.
- To promote regular articulation with the sending district schools of Frankford, Sussex-Wantage, and Lafayette utilizing common inservice workshops and meetings.

2005-2006 Objectives

- To encourage communication with educators, institutions of higher learning, and other organizations to build partnerships facilitated by the use of Web-based applications.
- To explore other applications of our voice mail system to increase the number of communication opportunities for parents and teachers.
- To foster a home/school connection and to reinforce the school-parent compact.

2006-2007 Objectives

- To establish the media center as a communication hub for the school.
- To provide resources for the hiring of a technology specialist to ensure adequate communication systems are implemented and maintained.

Goal #3 - To use technology to build future global citizens.

2004-2005 Objectives

- To continue to promote curriculum requirements that encourages student engagement in global issues enhanced by the use of technology.

- Utilize technology to build a greater student understanding of cultures and economies around the world.
- To utilize the student career center to promote student exposure to careers that involve community service and the study of global issues.

2005-2006 Objectives

- To empower all students with excellent skills in technology to foster positive social action in real-world situations.
- To utilize technology appropriately for researching and exploring other cultures through the Internet.

2006-2007 Objective

- To continue to provide the appropriate budgetary resources to support the development of students as global learners.

Goal # 4 - To use technology to engage the community in the education of children.

2004-2005 Objectives

- To continue to use email as a means to promote home/school partnerships to collaboratively address curriculum activities.
- To use technology to disseminate information about classroom and school activities to the community.
- To continue to offer technology skill building opportunities to adults in the community during evening hours.

2005-2006 Objectives

- To develop business partnerships that pair technology leaders with our students and teachers.
- To continue to gain support from the community for technology advancements in education.

2006-2007 Objectives

- To continue to maintain educational partnerships with the New Jersey Educational Consortium at Kean College, the New Jersey Department of Education Northern Office at Montclair State, Sussex County Community College, and The New Jersey Statewide Systemic Initiative at the County College of Morris.
- To establish new educational and business partnerships that promote technology and that engage the community.

Goal # 5 - To maximize the use of technology for administrative information management.

2004-2005 Objectives

- Maintain and develop the capabilities of the student management system, STI (Software Technologies Inc.).
- To streamline business operations through the use of electronic facility repair requests and other business operations.
- To streamline the technology repair process through the use of an electronic repair request through SMS.
- To continue to implement an electronic grading system.

2005-2006 Objectives

- To explore the use of digital textbooks on CD.

- To utilize Web based practice test programs that provide on line resources for HSPA prep, SAT review and other remedial programs that provide a student database of proficiencies in Math and Language Arts.
- To explore other electronic options utilizing our student management system. These include electronic progress reports, report cards and medical history.

2006-2007 Objectives

- To work with the Department of Education to facilitate information sharing of student HSPA test results sharing the NJ DOE database.
- To manage student disaggregated data from student HSPA scores ensuring action can be taken to promote achievement of adequate yearly progress for each sub-group.

2. Evaluate each goal from the previous plan, in one or two sentences, detailing each goal's success, or reasons for continuation, or issues preventing its success.

Goal # 1 - To use technology to enhance content mastery as detailed in the New Jersey Core Curriculum Content Standards.

Each classroom is equipped with a workstation. This allows internet access and allows each teacher to use our password protected, student management system (STI) for grading and attendance purposes. Online services such as Noodle Tools and the United Streaming services have enhanced classroom instruction by providing up to date information via the internet.

We did not hire a full time Technology Administrator to oversee the implementation of technology in the classroom, to serve as the main resource person for the students and teachers in the district, and to provide a vision of technology for the district. We also lost the half-time technology aide position due to budgetary constraints.

Goal # 2 - To build a culture of communication through technology

We have continued to upgrade our network and to facilitate the implementation of teacher web pages. This provides online classroom resources to our students from their homes. We also continue to update our library to establish it as a media center for the school. Due to budgetary constraints, we did not hire a technology specialist.

Goal # 3 - To use technology to build future global citizens.

By connecting to the internet, our students have the opportunity to virtually “connect” to students outside of the county and to become global citizens. Our Cyber Classroom, for example, permits our students to anonymously “post” their writing assignment for the community to view on line.

Goal # 4 - To use technology to engage the community in the education of children.

Numerous teachers have established teacher web pages, where information is posted for parents and students to see. Homework assignments, classroom policies, resources, and news about the class are available on the department web sites.

Our evening adult education program provides low cost computer instruction from the basics to more advanced applications to all members of the community. Adult education operates a fall and a spring

session of about six weeks each.

Goal # 5 - To maximize the use of technology for administrative information management.

All of our department supervisors and school administrators have received PDAs which contain student information, scheduling calendars, and other software that links to their computers and is easily transportable.

3. Describe any unexpected outcomes or benefits specifically linked to the educational technology in place.

In the 2006-2007 school year, six laptop computers were purchased for use in the school library/media center. These were not included in the 2004-2007 Technology Plan. This has resulted in the ability of our teachers to sign out a laptop computer for home or school use. Also, when attending professional development workshops or conferences, teachers are able to take and use a laptop, which has wireless capability, with them to the conference.

More than fourteen projectors, for department and Library/media center use, were purchased. This exceeded our 2004-2007 Technology Plan projections for the purchase of projectors.

High Point has researched and is piloting the use of iPods and two iBooks, for the purpose of preparing and posting Podcasts. This allows our World Language Department to post homework assignments and to conduct student oral assessments.

B. Goals and Objectives for 2007-2010

1. List and support the goals that continue from the '04-'07 plan.

A goal that continues from the previous plan is to ensure that our students attain the educational technology and information literacy skills that will assist them in achieving the Core Curriculum Content Standards and to succeed in the workplace of the 21st century.

2. Modify goals or write new goals to meet the needs identified from the assessments. Goals for '07-'10 should support district need and align with the state plan.

New Goals for the 2007-2010 Plan

High Point will address the needs identified in our plan to align with the state technology goals:

1. Students will attain the educational technology and information literacy skills that will assist them in achieving the Core Curriculum Content Standards and to succeed in the workplace of the 21st century.
2. Educators will attain the skills and knowledge necessary to effectively use educational technology to assist students to achieve the Core Curriculum Content Standards.
3. Students, teachers, and administrators will have access to educational technology in all learning environments, including classrooms, media centers, schools, and other educational settings.
4. High Point will establish and maintain the technology infrastructure necessary for students and educators to access electronic information and to communicate freely via technology.

3. *Add to the goals the specific objectives for integrating technology to improve student academic achievement aligned with NJ Core Curriculum Content Standards (including software and other electronically delivered learning materials). Also, include a timeline for such integration and the corresponding measures (also known as indicators) that are evidence that the goals or objectives have been achieved.*

1. Students will attain the educational technology and information literacy skills that will assist them in achieving the Core Curriculum Content Standards and to succeed in the workplace of the 21st century.

2007-2008

This goal will be accomplished by offering new courses, such as Information Technology, which address skills students will need in the twenty first century. Courses such as Video Game Design, the addition of GIS (Geographical Information Systems) programs, and assistive technology programs such as Understanding Math and the Jamestown Reading Program will provide the students with information literacy skills in their regular course offerings.

2008-2010

Prior to each school year, department supervisors meet with their departments and with administrators to plan their courses of study for the following year. At that time, technology skills that are identified are addressed by including new units into existing curriculum or by offering new courses aligned to the skills students need to be successful in the workplace.

2. Educators will attain the skills and knowledge necessary to effectively use educational technology to assist students to achieve the Core Curriculum Content Standards.

2007-2008

This goal will be accomplished by providing inservice workshops during the school year, in the evening through our Adult Education Program, and by hiring trainers to deliver the Core Curriculum Content Standards to our faculty through technology integration in all classes. Teachers will also continue to attend off-site workshops to enhance their skills in specific content geared to their departments (Math, Science and Language Arts in particular) and technology applications such as in the use of the latest software available for three D modeling. This information is then expected to be turn-keyed within the departments and shared with other High Point faculty.

Our faculty also provides in-house training using the Dreamweaver software for teachers to continue to develop their own web pages. It is expected that most teachers will have and maintain web pages to share information with students and parents regarding their courses. Department supervisors will routinely check on the progress their departments are making toward accomplishment of this goal.

2008-2010

Faculty will continue to participate in NJ Department of Education sponsored technical assistance sessions that target the Core Curriculum Content Standards and any changes in the standards that may develop through the years. Supervisors are informed of these changes and curriculum is revised to reflect the new requirements for student learning. Technology will continue to be provided and training conducted for faculty in order to assist students in achieving proficiency in state assessments, local assessments and in preparing our students for their future. Our Director of Curriculum, Director of Guidance, Director of Special Education, Technology Support staff, and the subject area supervisors will continue to provide faculty training and/or send staff to the appropriate workshops to further faculty technology skills.

3. Students, teachers, and administrators will have access to educational technology in all learning environments, including classrooms, media centers, schools, and other educational settings.

2007-2008

This goal will be accomplished by providing our students and teachers access to the software they need from multiple locations throughout the building. This includes the classrooms, open computer labs, and the library/media center. In the first year, a determination will be made to identify the type of software needed and the locations where those applications are required.

2008-2010

Because technology needs change frequently and the variety of options available may change at the end of the 2008 school year, technology staff will continue to assess the needs of the district for the ability to have access to technology. This may mean developing new solutions to permit students, teachers, and administrators to utilize technology in the educational environment.

4. High Point will establish and maintain the technology infrastructure necessary for students and educators to access electronic information and to communicate freely via technology.

2007-2010

This goal will be accomplished by removing all of the workstations that do not support XP. We will also continue to replace old machines and add new machines that have the capability to support new technology developed in the '07-'08, '08-'09 and '09-'10 school year. Each year, as new software is developed, technical assistance and funding will be provided to support the innovations identified. Adhering to the multi-year replacement plan is essential throughout the building in classrooms and in offices.

Wireless capabilities will continue to be implemented in the '07-'10 school years, with the Library/Media Center being the first location in the building.

As infrastructures continue to require more upgrades, the ability of our support staff to maintain the network connections and filtering systems requires continuous professional development for our technology specialists and for the proposed Technology Administrator manager in the '07-'10 school years.

V. THREE-YEAR IMPLEMENTATION ACTIVITY TABLES (July 2007 – June 2010)

- A. Describe the implementation strategies/activities that relate to the goals and objectives. Include in the description the timeline, person responsible and documentation (or evidence) that will prove the activity occurred. &*
- B. Develop strategies to ensure that the technology plan addresses the use of technology, including assistive technology, to support the learning communities.*

2007-2008, 2008-2009, 2010

New courses offered in Educational Technology – Department Supervisor in Technology
Evidence- Course approved by the Board of Education and offered to our students.

Assistive Technology software implemented – Director of Special Education
Evidence – Implementation of Understanding Math and Jamestown Reading Program. Other assistive technology will be implemented based on need and availability.

Professional Development offered to staff and administrators – Technology Staff
Evidence – Inservice workshops will be offered as needs of the staff are identified. This information will also be delivered through off-site workshops, through the Adult Education evening program, and by utilizing in-house trainers. The evening program is open to members of the community as well as teaching staff.

Library/Media Center – Library/Media Specialist will provide opportunity for staff, students, and administrators to access technology through wireless connectivity. The existing computer labs will be available for use throughout the day.

Evidence – Sign-in sheets will continue to be used in the library and in the computer labs to monitor staff, student, and administrator use.

Proposed additional technology staff will be hired – Pending budgetary approval of the local budget by the High Point voters.

Evidence - Additional full time technology specialist will be hired to provide vision of technology for the district, technology support, conduct training for staff, prepare budgets, and other duties as needed.

Upgrades to existing workstations (where possible) and additional new hardware and software acquired – Pending approval of the local budget by voters.

Evidence – Outdated equipment is discarded and replaced with new, and additional equipment is purchased which may include workstations, projectors, Smartboards, etc.

C. Provide details of the process for meeting the NCLB requirement that all students be technologically literate by the end of grade eight.

NOT APPLICABLE, AS HIGH POINT IS A REGIONAL HIGH SCHOOL, AND WE HAVE NO EIGHTH GRADE STUDENTS

D. Identify specific telecommunications and information technologies and any other specific resources that are useful to reach the stated goal.

2007-2010

High Point utilizes several information technologies including the CDK Personnel Package, the STI Students Database and the STI Report Card and Grading System, SPSS Statistical Software Package.

As upgrades are made to these systems, they are procured and installed on our network. In addition, a new electronic calling system will continue to be utilized to inform the community of High Point events and to communicate with the stakeholders in the district.

VI. FUNDING PLAN (July 2007 – June 2008)

A. Provide the anticipated costs for 2007-2008 and then indicate the projected funding for 2008-2010 of the technologies to be acquired and 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, including specific provisions for interoperability among components of such technologies to successfully achieve the goals of this plan.

Computer Budget Request

Year 2007-2008

Category	Description	Amount
1. Supplies	Consumable Supplies (working budget)	45,187.00
2. Purchase Prof. Services	Net Access charges	26,352.00
3. Purchase Tech Services	Time Block, Wiring,	19,450.00
4. Other Purchases	License renewals, domain renewal	58,278.75
5. Other (workshops)	A+ Certification & workshops	5,000.00
6. Maint/Repair Equipment	CNC, Nortel, etc.	29,950.00
7. Upgrades (\$40K yr1, \$30K yr.2, \$30K yr. 3)		<u>40,000.00</u>
	TOTAL	\$224,217.75

Computer Budget Request

Year 2008-2009

Category	Description	Amount
1. Supplies	Consumable Supplies (working budget)	46,000.00
2. Purchase Prof. Services	Net Access charges	26,900.00
3. Purchase Tech Services	Time Block, Wiring,	20,000.00
4. Other Purchases	License renewals, domain renewal	59,500.00
5. Other (workshops)	A+ Certification & workshops	5,100.00
6. Maint/Repair Equipment	CNC, Nortel, etc.	30,600.00
7. Upgrades (\$40K yr1, \$30K yr.2, \$30K yr. 3)		<u>30,000.00</u>
	TOTAL	\$218,100.00

Computer Budget Request

Year 2009-2010

Category	Description	Amount
1. Supplies	Consumable Supplies (working budget)	46,300.00
2. Purchase Prof. Services	Net Access charges	27,100.00
3. Purchase Tech Services	Time Block, Wiring,	20,600.00
4. Other Purchases	License renewals, domain renewal	61,300.00
5. Other (workshops)	A+ Certification & workshops	5,250.00
6. Maint/Repair Equipment	CNC, Nortel, etc.	31,500.00
7. Upgrades (\$40K yr1, \$30K yr.2, \$30K yr. 3)		<u>30,000.00</u>
	TOTAL	\$222,050.00

B. Indicate the federal, state, local and other sources of funds used to help ensure that students have access to technology and ensure that teachers are prepared to integrate technology effectively into curricula and instruction

Other sources of funding available to High Point include the NCLB grant funds for professional development. The Perkins Grant provides workstations to the vocational classes. The IDEA funds are used to provide professional development to teachers and staff; it also provides workstations and software for assistive technology. Whenever possible, grant funds are applied for to enhance the technology integration through professional development for our staff.

C. Attach a copy of the board approval for this technology plan. Be sure it includes the budget for the first year of this plan.

Board Approval on June 25, 2007 (letter enclosed).

VII. PROFESSIONAL DEVELOPMENT

A. Provide the name and title of the person responsible for coordinating the professional development activities noted in this plan.

Janice Phillips-Mezier, Director of Curriculum and Instruction

B. Describe the planned professional development activities for teachers, administrators, and school library media personnel that include:

1. How teachers and library media personnel have access to educational technology in their instructional areas (such as using desktops, mobile laptop and wireless units, PDAs).

Teachers and Library/Media personnel have access to educational technology through the use of desktops in every classroom and office throughout the building. In addition, there are two computer labs for teacher and for student use. In the library and throughout the departments, teachers have access to mobile carts that transport a computer and projector to any location. There are also laptop computers in the library, which can be signed out by teachers or administrators.

2. How administrators have access to technology in their workplace (such as using desktops, mobile laptop and wireless units, PDAs).

Administrators each have a desktop and a PDA. They have access to laptops whenever necessary, and the laptops can be loaned from the media center for extended use.

3. How ongoing, sustained professional development for all administrators will be provided to further the effective use of technology in the classroom or library media center.

Library/Media Center – Library/Media Specialist will provide opportunity for staff, students, and administrators to access technology through wireless connectivity. The existing computer labs will be available for use throughout the day.

4. How ongoing, sustained professional development for all staff will be provided to

further the effective use of technology in the classroom or library media center.

Professional Development offered to staff and administrators – Technology Staff will provide in-house training for our staff. Inservice workshops will be offered as the needs of the staff are identified. This information will also be delivered through off-site workshops, through the Adult Education evening program, and by utilizing contracted in-house trainers. The evening program is open to members of the community as well as teaching staff.

5. The professional development opportunities and resources that exist for technical staff.

Technical staff attend regular meetings at Montclair State where the New Jersey Educational Computing Consortium provides training and networking opportunities for technical staff. In addition, whenever available, staff is sent off-site for certification training and software training.

6. How professional development is provided to all staff on the application of assistive technologies to support all students in their learning.

Special Education staff participate in professional development in the use of software for assistive technology. This is supplied by the vendor or by on-site contracted services staff.

C. Based on educators' proficiency and the identified needs for professional development, describe only the ongoing, sustained, high-quality professional development opportunities planned for 2007-2008 as it relates to the infusion of technology into the curricular process. Include a description of in-class support such as coaching that is used to ensure effective use of technology to improve learning. Also, include a description of the involvement of all partners associated with professional development for the district.

In the 2007-2008 school year, professional development planned for the Adult Education evening program will continue to address the needs of the staff and is adjusted to meet staff requirements each year. The January inservice day is dedicated to the strategies and implementation of technology in the classroom. This will continue in the 07-08 school year. In the past, this workshop day has been designed to meet the needs of the various departments and may include staff presentations, off-site providers, or contracted service providers.

D. Identify the financial and time resources to keep staff current in learning about new technologies.

The local budget provides funds for professional development within each department. Supplemental funds are provided through NCLB, Perkins, and IDEA. Whenever needed, teachers are permitted to request professional days to attend off-site training and technical assistance session provided by the state or local agencies.

We are fortunate to have district staff who volunteer to train our teachers. Whenever possible, departments utilize the expertise of our staff to turn-key information. Cross-curriculum training is also provided where departments combine resources to provide our students with a variety of experiences that connect the curriculum. Our World Language and Art Departments have combined units, for example. This permits our students to experience the language and the art work of various countries.

E. Project professional development activities that will continue to support identified needs through 2010, including all partners

Technology Staff will continue to provide in-house training for our staff in the implementation and maintenance of teacher web pages. Inservice workshops will be offered as needs of the staff are identified. This information will also be delivered through off-site workshops, through the Adult Education evening program, and by utilizing contracted in-house trainers. The evening program is open to members of the community as well as teaching staff.

VIII. EVALUATION PLAN

Describe the process and accountability measures that are used to regularly evaluate the extent to which goals, objectives, activities, resources and services are effective in

1. integrating technology into curricula and instruction,

Teacher observations by department supervisors and administrators will continue to identify and track the implementation of technology into the curriculum. Course outlines and curriculum guides are reviewed and approved by the supervisors and the Director of Curriculum and Instruction to ensure the integration of technology is included.

2. enabling students to meet challenging state academic standards, and

Department supervisors and administrators continuously review test results, including the HSPA, and track student progress utilizing SPSS. Remedial programs are put in place to address areas where students need additional academic support in order to achieve proficiency and meet state standards.

3. developing life-long learning skills.

Follow-up surveys are conducted by the guidance department and are done for High Point seniors. This measures the students' ability to be prepared to move forward with their career goals and to be prepared to enter the workforce. Responses are tracked and adjustments are made to programs wherever needed to meet student aspirations.

THE MINUTES OF
A MEETING OF THE BOARD OF EDUCATION
OF HIGH POINT REGIONAL HIGH SCHOOL DISTRICT
SUSSEX COUNTY, N. J. AS RECORDED
IN THE OFFICIAL MINUTE BOOK

The Regular Meeting and Annual Reorganization Meeting of the Board of Education of the High Point Regional High School District was held on Monday, June 25, 2007 at 8:00 P.M. at the High Point Regional High School Cafeteria on Pigeon Hill Road, Wantage, New Jersey.

MEMBERS PRESENT Mr. Scott Mearkle, Vice Pres.
Mr. Thomas Case
Mr. Joseph Hoffmann
Mr. Joseph Luna
Mr. Charles Musilli, III
Mr. Harold Rowan III
Mr. Robert Shevlin
Mr. Walter Stumpf Jr.

MEMBERS ABSENT Mr. Edward Vander Berg

Also Present: Dr. John W. Hannum, Superintendent; Mr. Steven A. Kepnes, Business Administrator/Board Secretary; and members of the public and High Point staff members.

A motion was made by Mr. Musilli, duly seconded by Mr. Case, that the Board approve the 2007 - 2010 Local District Technology Plan. The motion unanimously carried with a voice vote.

AYES: Mr. Thomas Case Mr. Scott Mearkle Mr. Harold Rowan, III
Mr. Joseph Hoffmann Mr. Charles Musilli, III Mr. Robert Shevlin
Mr. Joseph Luna Mr. Walter W. Stumpf Jr.

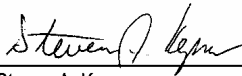
NOES: None

State of: New Jersey
County of: Sussex SS:

I, Steven A. Kepnes, Board Secretary of the High Point Regional High School Board of Education in the County of Sussex, State of New Jersey, hereby certify that the foregoing extract from the minutes of the meeting of said district duly called and held on June 25, 2007 has been compared by me with the original minutes as officially recorded in my office in the minute book of said High Point Regional High School Board of Education and is a true, complete copy thereof and of the whole of said original minutes so far as the same relate to the subject matter referred to in said extract in witness I have hereunto set my hand and affixed the corporate seal of said Board of Education this the 27th day of June 2007.

(AFFIX SEAL)

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Steven A. Kepnes
Board Secretary