
Pennsylvania Department of Education



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF EDUCATION
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Educational Technology Report **Monday, July 2nd, 2007**

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Core Purpose

Mission

East Stroudsburg Area School District, a diverse and rapidly growing community, nurtures within all students a commitment to excellence and life-long learning which prepares them to become creative, productive and responsible citizens in a continually changing and challenging world.

East Stroudsburg Area School District... Creating the Future!

Vision

The East Stroudsburg Area School District vision is reflected throughout the District. Our mission statement describes the community we serve, and our responsibility to prepare for a challenging future. Our belief statements describe what can be expected of the District and how community involvement affects those endeavors. As the District is rapidly growing, change is constant.

The future vision of East Stroudsburg Area School District includes a comprehensive plan of facility management and use in order to physically accommodate our dramatic population growth. We envision the academic program evolving through a standards-based environment utilizing differentiated instruction, career-related activities, multi-sensory approaches, creative use of technology, continued school-to-community outreach, and an extensive commitment to exemplary learning.

Shared Values

We believe that:

- All students can learn.
- Effective communication is essential to the learning process.
- Everyone has the right to an education in a safe and caring environment.
- Diversity is a vital tenet for the success of our community.
- Motivation is essential for learning.
- A positive school community must have a clear and consistent discipline for all.
- It is critical that all members of the educational community are treated with respect.
- School, family, and community partnership is vital to student performance and success.
- A fundamental understanding of technology is imperative.
- Financial support of education is an indispensable investment in the future of the entire community.
- The ability to adapt is essential to our changing world.
- Continuous evaluation and revision of our educational system is our commitment to our beliefs.

Needs Assessment

Our district is faced with unique challenges, including covering more than 250 square miles of the two fastest growing counties in the state, Monroe and Pike. The stress and financial strain that is placed on the district to continue to build new schools, hire more teachers and support staff, and properly equip new classrooms often finds technology funding for equipment and professional development in the middle of deep budget cuts making it difficult to provide adequate resources to allow our teachers to truly make technology as integral in a lesson as a pencil.

As a growing district, staff is also challenged by a rapidly increasing diverse population attempting to provide a continuous program of intervention strategies to ensure that all our students are being prepared for college and work. Although last year had significant growth for 11th grade proficiency, other years showed high schools not performing well and demonstrated severe need of reform. Both high schools suffer from low proficiency in reading and severely low in math, but also we are struggling with three growing sub groups, Black (22.4 in math, 47.9 in reading), Latino/Hispanic (30.5 in math, 46.3 in reading) and economically disadvantaged (31.6 in math, 51.2 in reading), which are showing significantly lower proficiency rates than the overall entire student population (38.6 in math, 62.4 in reading).

The students of the district are reflective of the greater community with 64.7 percent Caucasian, 16.8 percent Black, 15.8 percent Hispanic, and 2.4 percent Asian. Many of the families moving to the area are commuters to New York City or Philadelphia, therefore taking parents away from their children many hours a day, with a typical commute time of 90 minutes each way. The district enrolls more than 8,000 students with average student growth at 9 percent yearly; additionally, more than 17 percent require special education services and nearly 4 percent require ESL services. The district is also faced with a significant turnover in teaching staff at one high school campus, which is in a very rural setting of Pike County, and an ever demanding need to continue to hire more teachers, often inexperienced to keep up with the student growth.

In response to increasing economical, societal and instructional demands East Stroudsburg Area School District will forge a technology program to enable all stakeholders to meet these demands. Recent surveys have clearly illuminated the fact that our students and their parents want to see their children receive more technology instruction at school. Despite the fact that many families have computers at home many students don't use them for educational or productive reasons. The new Pennsylvania Academic Standards call for increased student proficiency in critical thinking, problem solving and technology literacy. This is due to the information revolution changing the content of the workforce and increasing the pace of globalization. We believe our regional economy will only grow in the future producing quality students equipped to excel in this environment encouraging our regional economic growth.

Current Technology in Instruction

Education should be a dynamic preparation of students for a continually changing world. Thus, technology is a necessary tool in all curricular areas to produce life-long learners. Improvements will be initiated in curriculum writing that aligns technology with state standards for increased student achievement. This will allow students the opportunity to construct knowledge with the help of technology tools while meeting new challenging standards. Internet access will be accessible to students for research of in-depth and current, real-world examples of learning. Technology tools will be used to develop critical thinking skills and do the analysis and simulation essential to high-quality math and science instruction.

Technology is currently being used as a supplemental resource for core content areas or taught as a subject itself. The core content teachers use technology occasionally for research, word processing, or PowerPoint presentations. English teachers have been utilizing computer labs and library computer resources when available to complete word processed research papers. Math teachers have used computer programs such as Geometers Sketchpad and Math Type to further develop mathematical understanding in students. Science teachers are using the computer to conduct certain experiments that may be otherwise dangerous, and social studies teachers rely heavily on Internet resources, such as Marco Polo, to support their textbooks. A few teachers also utilize technology for detailed, student centered projects and motivate their students to think out of the box with the use of the technology tools, but this is not the norm.

The district utilizes an achievement test, Measures of Academic Progress (MAP), which is a state-aligned computerized adaptive test that accurately reflects the instructional level of each student and measures growth over time. Due to the technology delivery method, immediate scores are available to the students and teachers at the completion of the test and in 48 hours teachers have class reports with standard deviation and mean calculations. This makes the data timely and relevant for the teachers. Although data is available it is rarely utilized to impact instruction. A significant goal for this new plan will be to train teachers on how to access data, manipulate data, and apply their findings to instruction.

Currently a variety of communication technologies are available but rarely used such as; web-based grade reporting software, extensive district and school websites, email, and listservs. Teachers utilize email for parent-teacher and student-teacher communication, while most principal communications to staff are carried out through the use of email. The district maintains a healthy amount of information on the district website, along with links to each high school's website, which includes information for both old and new students/parents to the district. The district will be launching district level and building level listservs where parents/community members register to receive more information from the district. Another important goal for this new plan is to create an online repository listing all instructional resources available to students and teachers categorized by grade level and eligible content. Items for this plan will include anything from word document worksheets and lesson plans to virtual fieldtrips and streaming video.

Technology is utilized by administrators for student management, critical information backup, personnel and financial records, and auto-dialing services. Much of these resources are underutilized and it will be a focus of this new plan to increase utilization of the district's new technology thus improving our schools and this connection to the learning community.

Other Support for Technology Integration

East Stroudsburg Area School District will establish technological equity among all schools. All students regardless of the school they attend will have equal amounts of technology and equal levels of Internet access at their respective grade levels. The high schools and intermediate schools will have higher concentrations of hardware and software as they prepare to enter college or work. Every classroom teacher will have access to a networked computer for grading, attendance, planning, e-mail and research.

East Stroudsburg Area School District will develop a network infrastructure capable of supporting emerging technology. Our Wide Area Network will be reliable, scalable, affordable data for Internet access, Email, AS400 access and file sharing; video for videoconferencing, streaming media content for instructional use, video for security functions; voice for interschool communications. The merging of these 3 traffic types onto a redundant fiber optic or wireless WAN will save the district considerably on telecommunications costs.

The Board of Education will provide a fiscal commitment to maintain and promote the advancement of technology. A recurring funding stream will ensure that the previously stated initiatives come to fruition and that we don't neglect the advanced state of technology that we have become dependent on.

Students

Despite many challenges, technology is successfully used in pockets of instructional areas in our high schools and students have demonstrated computer literacy through many avenues. Student projects in high school level technology courses are often utilized to produce educational videos and create flash animations for our younger students to give elementary teachers additional

instructional tools and add meaning to the projects the high school students create. These projects have often been shared at IU and State Computer Fairs, where the district has been very successful; our students have earned more than 20 awards at the IU level and 5 state level awards.

Students are a remarkable and willing resource to support technology in our high schools. The support can be as simple as students helping each other in the classroom, either because they volunteer among themselves or because they are assigned to mixed-ability groups. Often teachers have students who are capable of programming, skills they have developed on their own or through school instruction. Teachers also have other students, however, who do not know how to save a document to a USB drive, and 10 — 15% of students who cannot format a document, change line spacing or margins, and cannot manipulate images. Either through assigned task or just to help a classmate, students more proficient will assist each other to complete basic computer tasks.

Students will be expected to develop high levels of technology literacy. They will graduate with a thorough understanding of word processors, spreadsheets, presentation software, databases, Internet browsers, and Email. This curriculum will give all students a variety of technology experiences to initiate life long learning. Students will graduate with a thorough understanding of the ethical and moral implications of technology and the magnitude of change it has had on our society. Higher-level courses will be developed for those students preparing to enter the increasingly large technology industry. Course work in basic computer repair, networking, web design, e-commerce, programming and telecommunications will be made available to students. They will be prepared to successfully compete in and contribute to the regional workforce. Those technologically literate graduates will be highlighted on the district's web site for potential businesses. A talent pool of this significance will draw high paying, new economy jobs to Monroe County. These new businesses will bring with them an intelligent class of citizens, an enhanced tax base and minimal environmental impact.

A more formal program that uses students to support technology skills and use, is the School-to-Work Internship offered by the district technology department whereby a senior can earn one technology credit and work as an intern with the district's technicians. Students also have internship opportunities through the Audio-Visual coordinators and Stage Managers at the high schools.

Teachers and Staff

Each school is equipped with two Computer Coaches through a district initiative to encourage teacher adoption of technology and bridge knowledge from the technology department to the teachers. The computer coaches are each required to hold three after school trainings (total of six per building) on technology tools significant to the buildings goals, making a technology training session available six of the nine months school is in session. Each building also has two school level keystone integrators and the district has 4 district level keystone integrators that were also nominated as state keystones. These Keystone Technology Integrators are strong role models for their peers and often provide "just-in-time" staff development in the technology for their peers.

Staff will evaluate technology programs on a regular basis. Development of rubrics and monitoring procedures will provide feedback on classroom technology practices. This technique will enable us to see "best practices" in technology across the district and use these as a model for other teachers to implement. With the growing teacher confidence in computer use, we are ready to move to the next step, a paradigm shift from learning being dispensed to learning being constructed. Our goal is to create a classroom with transparent technology that empowers students to construct their own knowledge. Teachers will be encouraged to engage in a systemic revolution from the fundamental ways learning is dispensed and assessed.

Staff will utilize technology to enhance communication, productivity and efficiency of the district. The e-mail system will be reliable, fast and user friendly. Teachers, administrators and staff will use e-mail on a daily basis with a high comfort level for communications with colleagues and parents. Electronic communication will be used to share papers and notes, send assignments home for absent students, schedule conferences, contact parents and many other collaborative uses. Teachers will be able to use our district intranet to enter notes and information in a collaborative manner. Electronic communications will save the district thousands of dollars per year in paper and copier maintenance costs while demonstrating an environmentally responsible operation for the students. Furthermore, electronic communication will decrease interoffice communications from 24 hours to seconds per event.

Technical Support

The Instructional Technology and Educational Computing (ITEC) department shall provide proper technical support in all buildings. The quantity of ITEC personnel will be such that all technical emergencies can be responded to over the phone within five minutes or in person within 15 minutes. Typical non-emergency service calls will be resolved within one week from the time the initial work order is placed. ITEC personnel will be trained regularly and technology current. They will have good customer support skills and will have a thorough understanding of the context in which technology is used in an instructional environment.

Technology Leadership

The district technology leaders attend local, state, and national conferences to share information with others while gaining some information from other educational institutions, vendors, and educational leaders. Leaders also subscribe to a few very strong technology publications for more exposure to new technologies. Leaders also regularly attend Technology Advisory Council meetings at our Intermediate Unit that allow for further networking with peers, exchanges of ideas, and sharing best practices on technology strategies.

Mission of this Technology Plan

The technology mission of the East Stroudsburg Area School District is to incorporate technology into an integrated, comprehensive district program to prepare students to become productive citizens, effective communicators, problem solvers and lifelong learners in a continually changing world. Technology is a tool that when used with tested instructional practices and curriculum can be an effective catalyst for education reform. Technology will be embedded into each area of the curriculum so that students can develop the skills to be productive in post secondary and/or the world of work.

The following are the major factors necessary to support the effective application of technology to learning:

- Staff development that is individualized to the needs of the teacher.
- Technical assistance that is available when needed.
- Time for teachers to plan, learn about and implement technology applications.
- Long term staff development to support the integration of technology into instruction.
- Understanding of ways to integrate technology into education reform.
- Teacher-access to technology while planning.
- Involvement of teachers in planning statewide, school, and classroom uses of technology.

As evidenced in our perceptual survey, 52% of responders rate technology funding as poor or fair. This plan hopes to continue a computer refresh cycle to ensure that computers are replaced in a 4 year cycle throughout the district. The district began this replacement cycle in 2005-2006 and continues to follow the cycle. In the past, many computers throughout the district were more than 6 years old before funding was supplied to replace the equipment. This technology plan will extend the consideration of technical support by adding additional supports to keep equipment operating efficiently through a regular maintenance cycle for computers, printers, network equipment, software updates, and peripherals.

Goals and Strategies

Goal: Facilities

Description: East Stroudsburg Area School District facilities will be constructed and regularly maintained to provide safe, secure facilities, which are specifically designed to enhance the educational environment for all stakeholders.

Strategy: Facility and Infrastructure Maintenance/Custodial Program

Description: Maintain all facilities in an appropriate manner, upgrading those systems which have become obsolete, are nearing the end of their useful service, or require preventative maintenance to continue operating in an efficient manner.

Activities:

Activity	Description	
External Audit Process	Utilize findings of an external audit of personnel, procedures, training opportunities and technology resources.	
Person Responsible	Timeline for Implementation	Resources
James Shearouse	Ongoing	\$72,000.00

Activity	Description	
Regularly Scheduled Custodial Process/Maintenance	Regular scheduled replacement and maintenance of equipment and yearly processes with needed staff development.	
Person Responsible	Timeline for Implementation	Resources
Pat Baughman	Ongoing	\$40,000.00

Strategy: Growth Planning

Description: Establish a process to monitor and address student growth within the District and community.

Activities:

Activity	Description	
Facilities Planning	Develop a comprehensive approach to facilities planning by committee involving board members, administrators, faculty, staff, and community at large for the purpose of constructing and maintaining safe, secure facilities to enhance the educational environment.	
Person Responsible	Timeline for Implementation	Resources

Sharon Laverdure	Ongoing	\$3,750.00
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Activity	Description	
Five-Year Capital Improvement Plan.	Building principals identify facility deficiencies and make suggestions to the Clerk of the Works on the general needs of district facilities in accordance with the five year capital improvement plan.	
Person Responsible	Timeline for Implementation	Resources
Sharon Laverdure	Start:10/6/2006 Finish: 10/7/2011	\$40,015,000.00

Activity	Description	
New Building/Construction Monitoring	Projections calculations process.	
Person Responsible	Timeline for Implementation	Resources
Sharon Laverdure	Ongoing	\$0.00

Activity	Description	
Provide Academic Space for Increased Enrollments	Remove students from substandard classrooms, reduce the District's reliance on portable classrooms, provide adequate classroom space for all related arts instruction, maintain current class size averages, maintain adequate space for instruction support services, and maintain technology equipment/infrastructure to support student and teacher needs.	
Person Responsible	Timeline for Implementation	Resources
Sharon Laverdure	Ongoing	\$0.00

Strategy: Network Technologies

Description: East Stroudsburg Area School district will develop a network infrastructure capable of supporting emerging technology. Our Wide Area Network will be reliable, scalable, affordable and able to support all three types of traffic. These include data for Internet access, Email, AS400 access and file sharing; video for videoconferencing, streaming media content for instructional use, video for security functions; voice for interschool Communications. The merging of these 3 traffic types onto a redundant fiber optic or wireless WAN will save the district considerably on telecommunications costs.

Activities:

Activity	Description	
IU 20 WAN Partnership	Partner with all school districts members of IU to lower costs of Internet 2.	
Person Responsible	Timeline for Implementation	Resources
Brian Borosh	Ongoing	\$0.00

Activity	Description	
Maintenance of Local Area Network	Scheduled Wire Maintenance at IDF, MDF and Classroom Levels; Regular Scheduled Maintenance of Work Group Printers	
Person Responsible	Timeline for Implementation	Resources
Brian Borosh	Ongoing	\$180,000.00

Activity	Description	
Software Applications for Active Researchers and Learners	Subscribe to products to enable users to become active researchers and learners; such as: Compass Learning, Kids College, Homeroom.com, Study Island.	
Person Responsible	Timeline for Implementation	Resources
Brian Borosh	Ongoing	\$288,000.00

Activity	Description	
Technology Partnerships	Identify and build technology partnerships with student, parents and the business community.	
Person Responsible	Timeline for Implementation	Resources
Brian Borosh	Ongoing	\$58,625.00

Activity	Description	
Technology to Support Innovative Teaching	Technology-based programming to ensure alignment with high academic standards and interesting programming to meet the needs of diverse learning populations.	
Person Responsible	Timeline for Implementation	Resources
Brian Borosh	Start:9/26/2006 Finish: 5/22/2007	\$10,000.00
Professional Development Activity Information		
Number of Hours Per Session	Total Number of Sessions Per School Year	Estimated Number of Participants Per Year
0	0	0
Organization or Institution Name	Type of Provider	Provider's Department of Education Approval Status
East Stroudsburg Area School District math, literacy and technology coaches.		Not approved
Knowledge and Skills	Research and Best Practices	Designed to Accomplish

Follow-up Activities	Evaluation Methods

Activity	Description	
Technology Tools to Encourage Active Learning	Implement a four year replacement cycle of computers to support applications to encourage active learning opportunities for all students.	
Person Responsible	Timeline for Implementation	Resources
Brian Borosh	Ongoing	\$3,533,000.00

Activity	Description	
Virtual Faculty Room to Relieve Professional Isolation of Teachers	Create an on-line virtual faculty room to encourage the sharing of resources, knowledge, and ideas across buildings and grade levels.	
Person Responsible	Timeline for Implementation	Resources
Brian Borosh	Start:8/7/2006 Finish: 1/5/2007	\$20,000.00
Professional Development Activity Information		
Number of Hours Per Session	Total Number of Sessions Per School Year	Estimated Number of Participants Per Year
0	0	0
Organization or Institution Name	Type of Provider	Provider's Department of Education Approval Status
East Stroudsburg Area School District Math, Literacy and Technology Coaches		Not approved
Knowledge and Skills	Research and Best Practices	Designed to Accomplish
Follow-up Activities	Evaluation Methods	

Activity	Description	
Wide Area Network	Our Wide Area Network will be reliable, scalable, affordable and able to support all three types of traffic.	
Person Responsible	Timeline for Implementation	Resources
Brian Borosh	Ongoing	\$1,175,000.00

Strategy: School Safety and Security

Description: Utilize physical, human and technological elements to provide safe and secure facilities.

Activities:

Activity	Description	
Content Filtering	Maintain appropriate content filtering for the educational environment.	
Person Responsible	Timeline for Implementation	Resources
Brian Borosh	Ongoing	\$22,000.00

Activity	Description	
Emergency Notification System	Provide the essential tools and equipment to respond and communicate in the event of an emergency. Protocols will be established for the notification and implementation of all individuals.	
Person Responsible	Timeline for Implementation	Resources
Brian Borosh	Ongoing	\$147,500.00

Activity	Description	
Facilities Access Control	Utilize human, physical, and technological Facilities Access Control instruments to provide a secure educational work environment.	
Person Responsible	Timeline for Implementation	Resources
Sharon Laverdure	Ongoing	\$180,000.00

Strategy: School Security

Description: Utilize physical, human and technological elements to provide secure facilities.

Activities:

Activity	Description	
Site-Wise Virtual Facility Tour	Create and maintain a digital district facilities virtual tour for use in planning and emergency response to ensure the safety and security of students and staff.	
Person Responsible	Timeline for Implementation	Resources
Sharon Laverdure	Ongoing	\$23,000.00

Goal: Mathematics

Description: East Stroudsburg Area School District students will demonstrate ongoing improved achievement in mathematics and meet the proficiency requirements necessary to meet adequate yearly progress (AYP) as measured by the annual statewide PSSA assessments.

Strategy: Community Partnership

Description: Create partnerships with parents, community and higher education to optimize

student achievement.

Activities:

Activity	Description	
Administer Needs Assessment	The ESASD will conduct an annual survey of parental perceptions about the progress of schools in mathematics through the online tool Zoomerang. The survey will include identifying barriers to participation by parents in mathematics programs (with particular attention to parents who are economically disadvantaged, are disabled, have limited English proficiency, have limited literacy, or are of any racial or ethnic minority background). The school district will use the findings of the survey to design strategies for more effective parental involvement, and to revise, if necessary, parental policies.	
Person Responsible	Timeline for Implementation	Resources
Irene Duggins	Start:9/4/2006 Finish: 5/7/2012	\$3,375.00

Activity	Description	
Parent University	Provide Parent University nights to familiarize parents with technology tools relating to mathematics achievement.	
Person Responsible	Timeline for Implementation	Resources
Brian Borosh	Ongoing	\$5,000.00

Strategy: Curriculum Alignment

Description: To implement and monitor a mathematics curriculum that has instruction, instructional strategies, resources and assessments aligned to State standards.

Activities:

Activity	Description	
Best Practices	Facilitate professional development for teachers that models best practices for math instruction.	
Person Responsible	Timeline for Implementation	Resources
Irene Duggins	Start:10/9/2006 Finish: 3/9/2012	\$5,400.00
Professional Development Activity Information		
Number of Hours Per Session	Total Number of Sessions Per School Year	Estimated Number of Participants Per Year
0	0	0
Organization or Institution Name	Type of Provider	Provider's Department of Education Approval Status
East Stroudsburg Area School District, East Stroudsburg University, IU 20, and		Not approved

PaTTAN.		
Knowledge and Skills	Research and Best Practices	Designed to Accomplish
Follow-up Activities	Evaluation Methods	

Activity	Description	
Mathematics Enrichment Program	Coordinate mathematics enrichment instructional programs and technology applications as indicated necessary by student performance.	
Person Responsible	Timeline for Implementation	Resources
Irene Duggins	Ongoing	\$35,400.00

Activity	Description	
Remedial Mathematics Programs	Provide remedial mathematics instructional programs as indicated necessary by student performance.	
Person Responsible	Timeline for Implementation	Resources
Irene Duggins	Ongoing	\$1,696,800.00

Activity	Description	
Resources & Opportunities	Provide resources and opportunities for practice/review of mathematical concepts that reflect authentic instruction and assessment, perhaps utilizing technology applications.	
Person Responsible	Timeline for Implementation	Resources
Irene Duggins	Ongoing	\$34,500.00

Activity	Description	
Teachers/Curriculum Mapping	Educate teachers in the process of curriculum mapping.	
Person Responsible	Timeline for Implementation	Resources
Irene Duggins	Start:10/9/2006 Finish: 3/9/2012	\$12,500.00
Professional Development Activity Information		
Number of Hours Per Session	Total Number of Sessions Per School	Estimated Number of Participants Per Year

	Year	
0	0	0
Organization or Institution Name	Type of Provider	Provider's Department of Education Approval Status
East Stroudsburg Area School District, East Stroudsburg University, IU20 and PaTTAN.		Not approved
Knowledge and Skills	Research and Best Practices	Designed to Accomplish
Follow-up Activities	Evaluation Methods	

Strategy: Extended Student Learning Opportunities

Description: Extend students learning opportunities beyond the school day and school year.

Activities:

Activity	Description	
Dual Enrollment/Online Courses	Dual enrollment programs and online courses.	
Person Responsible	Timeline for Implementation	Resources
Irene Duggins	Ongoing	\$239,000.00

Activity	Description	
Tutoring	Offer programs to support extended learning opportunities for students eligible for remediation often utilizing technology components. Contingent on EAP Grant renewal.	
Person Responsible	Timeline for Implementation	Resources
Irene Duggins	Start: 10/9/2006 Finish: 3/9/2012	\$1,882,500.00
Professional Development Activity Information		
Number of Hours Per Session	Total Number of Sessions Per School Year	Estimated Number of Participants Per Year
0	0	0
Organization or Institution Name	Type of Provider	Provider's Department of Education Approval Status
East Stroudsburg Area School District and regional EAP training centers.		Not approved
Knowledge and Skills	Research and Best Practices	Designed to Accomplish
Follow-up Activities	Evaluation Methods	

Strategy: Student Need

Description: Develop and implement an instructional plan to meet student needs in mathematics utilizing various forms of data, including nationally normalized State and local standardized assessments, and other local assessments.

Activities:

Activity	Description	
Analyze Data Results to Differentiate Instruction	Apply the results of data analysis to differentiate instruction in mathematics utilizing Performance Tracker and other tools.	
Person Responsible	Timeline for Implementation	Resources
Irene Duggins	Start: 11/8/2006 Finish: 5/9/2012	\$25,000.00
Professional Development Activity Information		
Number of Hours Per Session	Total Number of Sessions Per School Year	Estimated Number of Participants Per Year
0	0	0
Organization or Institution Name	Type of Provider	Provider's Department of Education Approval Status
		Not approved
Knowledge and Skills	Research and Best Practices	Designed to Accomplish
Follow-up Activities	Evaluation Methods	

Activity	Description	
Data Collection	Collect data regarding student performance in mathematics using data warehousing software.	
Person Responsible	Timeline for Implementation	Resources
Irene Duggins	Ongoing	\$65,000.00

Activity	Description	
Distribution of Data	Distribute student mathematics performance data in a user-friendly format for administration, faculty, parents, students, and community.	
Person Responsible	Timeline for Implementation	Resources
Irene Duggins	Ongoing	\$25,000.00

Activity	Description
Standardized	The integration of student performance data from nationally normalized State &

Assessments	local standardized assessments and other local assessments into planning for instruction utilizing Assessment Builder and test scanning software.	
Person Responsible	Timeline for Implementation	Resources
Irene Duggins	Ongoing	\$6,000.00

Strategy: Technology Support

Description: Integrate technology to support math curriculum and instruction.

Activities:

Activity	Description	
Equipment/Software Acquisition	Ongoing equipment, software acquisition and upgrade to augment the academic programs.	
Person Responsible	Timeline for Implementation	Resources
Brian Borosh	Start:9/4/2006 Finish: 5/9/2007	\$175,000.00
Professional Development Activity Information		
Number of Hours Per Session	Total Number of Sessions Per School Year	Estimated Number of Participants Per Year
0	0	0
Organization or Institution Name	Type of Provider	Provider's Department of Education Approval Status
East Stroudsburg Area School District and IU 20		Not approved
Knowledge and Skills	Research and Best Practices	Designed to Accomplish
Follow-up Activities	Evaluation Methods	

Activity	Description	
Tech. Assessments/Software	Integrate technology assessments and learning software into mathematics classrooms.	
Person Responsible	Timeline for Implementation	Resources
Brian Borosh	Ongoing	\$4,000.00

Activity	Description	
Train Teachers on the Use of Technology Tools	Train Teachers on the Use of Technology Tools to Differentiate and Support Math Instruction	
Person Responsible	Timeline for Implementation	Resources

Brian Borosh	Ongoing	\$15,000.00
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Goal: Reading

Description: East Stroudsburg Area School District students will demonstrate ongoing improved achievement in reading and communication arts and meet the proficiency requirements necessary to meet adequate yearly progress (AYP) as measured by the annual statewide PSSA assessments.

Strategy: Community Partnership

Description: Create partnership with parents, community and higher education.

Activities:

Activity	Description	
Administer Needs Assessment	The East Stroudsburg Area School District will conduct an annual survey through the online tool Zoomerang of parental perceptions about the progress of schools in reading. The survey will include barriers to participation by parents in reading programs (with particular attention to parents who are economically disadvantaged, are disabled, have limited English proficiency, have limited literacy, or are of any racial or ethnic minority background). The school district will use the findings of the survey to design strategies for more effective parental involvement, and to revise, if necessary, parental policies.	
Person Responsible	Timeline for Implementation	Resources
Irene Duggins	Ongoing	\$165,525.00

Activity	Description	
Parent University	Provide Parent University nights to familiarize parents with technology tools relating to reading achievement.	
Person Responsible	Timeline for Implementation	Resources
Brian Borosh	Ongoing	\$5,000.00

Strategy: Curriculum Alignment

Description: Align data driven instruction and curriculum to the reading standards, through curriculum mapping.

Activities:

Activity	Description	
Data/Decision-Making	Interpret available data and apply results to instructional decision-making utilizing Performance Tracker and other tools.	
Person Responsible	Timeline for Implementation	Resources
Irene Duggins	Start: 10/9/2006 Finish: 3/9/2012	\$34,500.00
Professional Development Activity Information		

Number of Hours Per Session	Total Number of Sessions Per School Year	Estimated Number of Participants Per Year
0	0	0
Organization or Institution Name	Type of Provider	Provider's Department of Education Approval Status
East Stroudsburg Area School District, East Stroudsburg University, IU20 and PaTTAN.		Not approved
Knowledge and Skills	Research and Best Practices	Designed to Accomplish
Follow-up Activities	Evaluation Methods	

Activity	Description	
Remedial Reading Programs	Provide remedial reading instructional programs and technology tools as indicated necessary by student performance.	
Person Responsible	Timeline for Implementation	Resources
Irene Duggins	Ongoing	\$1,690,800.00

Activity	Description	
Teachers/Curriculum Mapping	Educate teachers in the process of curriculum mapping utilizing the ICTracker system as a means for reflecting upon the planning and design of instruction. The ICTracker system would be an essential tool in this process.	
Person Responsible	Timeline for Implementation	Resources
Irene Duggins	Start: 10/9/2006 Finish: 3/9/2012	\$84,500.00
Professional Development Activity Information		
Number of Hours Per Session	Total Number of Sessions Per School Year	Estimated Number of Participants Per Year
0	0	0
Organization or Institution Name	Type of Provider	Provider's Department of Education Approval Status
East Stroudsburg Area School District, East Stroudsburg University, IU20 and PaTTAN.		Not approved
Knowledge and Skills	Research and Best Practices	Designed to Accomplish
Follow-up Activities	Evaluation Methods	

Strategy: Extended Student Learning Opportunities*Description:* Extend students learning opportunities beyond the school day and school year.*Activities:*

Activity	Description	
Dual Enrollment/Online Courses	Dual enrollment programs and online courses. Implementation of programs contingent on renewal of funding.	
Person Responsible	Timeline for Implementation	Resources
Irene Duggins	Start:10/9/2006 Finish: 3/9/2012	\$237,500.00

Activity	Description	
Tutoring	Offer programs to support extended learning opportunities for students eligible for remediation. Implementation of program contingent on renewal of funding.	
Person Responsible	Timeline for Implementation	Resources
Irene Duggins	Start:10/9/2006 Finish: 3/9/2012	\$1,902,000.00
Professional Development Activity Information		
Number of Hours Per Session	Total Number of Sessions Per School Year	Estimated Number of Participants Per Year
0	0	0
Organization or Institution Name	Type of Provider	Provider's Department of Education Approval Status
East Stroudsburg Area School District and regional EAP training centers.		Not approved
Knowledge and Skills	Research and Best Practices	Designed to Accomplish
Follow-up Activities	Evaluation Methods	

Strategy: Research-Based Practices*Description:* Incorporate research-based practices in our reading instruction and assessment based on the FIVE BIG IDEAS of effective literacy programs into our communication arts program.*Activities:*

Activity	Description	
Technology Integration	Educate teachers regarding the integration of technology to serve as a planning and instructional resource for students in reading.	
Person Responsible	Timeline for Implementation	Resources
Brian Borosh	Start:10/16/2006	\$6,000.00

	Finish: 10/11/2010	
Professional Development Activity Information		
Number of Hours Per Session	Total Number of Sessions Per School Year	Estimated Number of Participants Per Year
0	0	0
Organization or Institution Name	Type of Provider	Provider's Department of Education Approval Status
East Stroudsburg Area School District instructional technology department, literacy coaches, and outside sources including IU20 and PaTTAN.		Not approved
Knowledge and Skills	Research and Best Practices	Designed to Accomplish
Follow-up Activities	Evaluation Methods	

Goal: Science

Description: East Stroudsburg Area School District students will demonstrate ongoing improved achievement in science and meet the expectations for proficiency established by PDE.

Strategy: Technology

Description: Identify and provide access to a variety of technology resources to be integrated into science instruction.

Activities:

Activity	Description	
Instructional Resources Website	Develop the District "Instructional Webpage" and links to technology resources available through District science textbook series programs as well as a variety of external web resources. Information will be made available to all teachers K-12. Develop addendums to the core science curriculum integrating resources.	
Person Responsible	Timeline for Implementation	Resources
Brian Borosh	Ongoing	\$3,000.00

Activity	Description	
Professional Development for Science and Technology Integration	Familiarize/update teachers with software and hardware available to enhance science instruction.	
Person Responsible	Timeline for Implementation	Resources
Brian Borosh	Start: 10/9/2006 Finish: 3/9/2012	\$6,000.00

Professional Development Activity Information		
Number of Hours Per Session	Total Number of Sessions Per School Year	Estimated Number of Participants Per Year
0	0	0
Organization or Institution Name	Type of Provider	Provider's Department of Education Approval Status
East Stroudsburg Area School District and IU 20		Not approved
Knowledge and Skills	Research and Best Practices	Designed to Accomplish
Follow-up Activities	Evaluation Methods	

Activity	Description	
Virtual Field Trip Integration	Familiarize teachers with virtual field trips, webinaires and their integration into instruction.	
Person Responsible	Timeline for Implementation	Resources
Irene Duggins	Start:10/8/2007 Finish: 3/9/2012	\$6,000.00
Professional Development Activity Information		
Number of Hours Per Session	Total Number of Sessions Per School Year	Estimated Number of Participants Per Year
0	0	0
Organization or Institution Name	Type of Provider	Provider's Department of Education Approval Status
East Stroudsburg Area School District and IU 20		Not approved
Knowledge and Skills	Research and Best Practices	Designed to Accomplish
Follow-up Activities	Evaluation Methods	

Strategy: Technology Standards Curriculum

Description: Develop an East Stroudsburg Area School District Technology Standards Curriculum
Activities:

Activity	Description	
K-12 Internet Safety Curriculum	Develop a K-12 internet safety curriculum to ensure acceptable use of district internet resources and provide safe and secure internet environment for users.	
Person Responsible	Timeline for Implementation	Resources

Brian Borosh	Start:9/27/2006 Finish: 5/23/2007	\$3,750.00
Professional Development Activity Information		
Number of Hours Per Session	Total Number of Sessions Per School Year	Estimated Number of Participants Per Year
0	0	0
Organization or Institution Name	Type of Provider	Provider's Department of Education Approval Status
East Stroudsburg Area School District		Not approved
Knowledge and Skills	Research and Best Practices	Designed to Accomplish
Follow-up Activities	Evaluation Methods	

Activity	Description	
Technology Skills K-12	Create a scope and sequence for K-12 technology skills and develop integrated lesson for each core content area per grade level.	
Person Responsible	Timeline for Implementation	Resources
Brian Borosh	Start:9/6/2006 Finish: 5/1/2007	\$9,000.00

Staff Development

East Stroudsburg Area School District shall create a comprehensive technology-training program for all staff members. Sessions will be offered on a regular basis for new and existing staff. All course material will be current and revised when new technologies or teaching practices emerge. Likely courses will include: initiating a technology mentoring system and online courses allowing staff to choose help in the areas they need, consequently individualizing instruction for teachers, the same as we do for students. Another targeted initiative will be online collaboration for idea sharing through list-servs and discussion forums to encourage more project-based learning opportunities for teachers and students equally. Although only one in-service day has been specifically reserved for technology-related professional development, the Alternative Professional Development plan allows for flexible learning hours to be accrued throughout the year with most of these opportunities being technology-based.

Staff will utilize technology to enhance communication, productivity and efficiency of the district. The e-mail system will be reliable, fast and user friendly. Teachers, administrators and staff will use e-mail on a daily basis with a high comfort level for communications with colleagues and parents. Electronic communication will be used to share papers and notes, send assignments home for absent students, schedule conferences, contact parents and many other collaborative uses. Teachers will be able to use our district intranet to enter notes and information in a collaborative manner through the Open Directory system being supported in this new technology plan.

The district is also beginning to design on-line training for teachers to earn alternative professional development hours through a number of training topics available on Moodle, our content management system. This process will be monitored by the Director of Instructional Technology. This form of professional development will take advantage of the emerging technologies available, such as Web 2.0 software to improve the education for our students and staff and allow us to reach a young and growing teaching staff.

Additional professional development opportunities will be offered to teachers and support staff during department and grade level meetings, department chairs conducting the training of their peers whenever possible; as the most successful professional development usually occur when peers are the facilitators. The initial trainings will be conducted by our Instructional Technology Coordinator, Director of Instructional Technology, and Staff Development Coordinator in a "train the trainer" format to teacher leaders, such as: Instructional Support Teachers, Literacy Coaches, Math Coaches, and Department Chairs. This turn-key training approach will allow for a strong sustainable model of support for all stakeholders in the learning community. Also, other teachers who demonstrate strong technology skills are invited to earn extra compensation by providing after school professional development opportunities.

Parent and Community Outreach Training

Teachers will also be working to share their new technology skills with parents and community members through the hosting of "Parent University" opportunities. A "Parent University" allows for any community member to attend a training session of various technology subjects outside the school day throughout the school year. Teachers will further develop and hone their skills through this sharing of knowledge with community members while the district provides opportunities for students and parents to increase their engagement and enhance the use of technology.

Administrators

The district level and building level administrators are all required to attend three days at an administrative retreat each summer. At least 6 hours of the retreat time is devoted to technology or technology related tools. This training specifically targets the needs of administrators. Also, administrators are required to attend teacher professional development programs that are focused on technology.

Technical Support

Formal training will be offered to the Instructional Technology and Educational Computing (ITEC) staff to ensure their ability to maintain the systems for educational use. The ITEC analyst will also have introductory training on all the applications in use by the district for educational purposes to make certain installation and processing needs are sufficient. Ample funds are set aside to make sure the analyst is able to attend conferences and trainings that will keep their technical skills sharp.

Technology Integration Mentor

The district is also implementing a Technology Integration Grant through the Pennsylvania Department of Education to encourage the integration of technology to support differentiated instruction at the high school level. This project will specifically target the use of technology tools to improve teaching and learning. This grant will provide a dedicated educator to work with teachers in designing strong differentiated learning opportunities and projects for students while conferencing and training teachers to embrace new technology tools, such as: digital camera, digital video cameras, streaming video, wikis, blogs, and personal response systems are just a

few examples.

Outside Professional Development Opportunities

All staff is eligible to attend higher educational institutions with district provided reimbursement. Course offerings at local universities and on-line courses from other higher education institutions are often promoted and shared with staff to encourage their involvement. Many staff members are also encouraged to attend the Pennsylvania Educational Technology Expo and Conference (PETE & C) along with the ITEC analyst to expand their thinking as new technologies emerge. This plan will encourage teachers to utilize distance learning opportunities and Internet 2 resources to continue district growth.

Budget

Summary: Potential Funding Distribution

Funding Source	2007-2008	2008-2009	2009-2010	Total
010 - ADMINISTRATIVE BUDGET	\$8,065,000.00	\$8,091,200.00	\$8,116,475.00	\$24,272,675.00
020 - CURRICULUM DEVELOPMENT AND INSTRUCTIONAL IMPROVEMENT SERVICES	\$33,500.00	\$35,300.00	\$36,800.00	\$105,600.00
090 - Unassigned	\$54,000.00	\$54,000.00	\$24,000.00	\$132,000.00
208 - Staff And Program Development	\$27,050.00	\$27,050.00	\$27,250.00	\$81,350.00
211 - Tutoring	\$1,444,210.00	\$1,470,720.00	\$1,497,230.00	\$4,412,160.00
212 - PA Accountability Grants	\$21,000.00	\$23,000.00	\$25,000.00	\$69,000.00
290 - OTHER PROGRAM SUBSIDIES	\$90,000.00	\$96,000.00	\$100,000.00	\$286,000.00
340 - REVENUE FOR TECHNOLOGY (EDUCATIONAL AND OTHER)	\$781,925.00	\$959,725.00	\$958,525.00	\$2,700,175.00
390 - EXTRA GRANTS	\$23,750.00	\$27,250.00	\$25,000.00	\$76,000.00
411 - NCLB - Title I, Part A - Improving Basic Programs Operated by LEAs	\$1,000.00	\$1,000.00	\$1,000.00	\$3,000.00
412 - NCLB - Title I, Part B - Includes Reading First, Even Start	\$1,000.00	\$1,000.00	\$1,000.00	\$3,000.00
424 - NCLB - Title II, Part D - Includes Enhancing Education Through Technology	\$2,000.00	\$2,000.00	\$2,000.00	\$6,000.00
674 - Part F - Supplementary State Grants For Facilities And Equipment And Other Program Improvement Facilities	\$10,000.00	\$10,000.00	\$10,000.00	\$30,000.00
eRATE	\$176,750.00	\$176,750.00	\$176,750.00	\$530,250.00

TOTAL	\$10,731,185.00	\$10,974,995.00	\$11,001,030.00	\$32,707,210.00
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Goal: Facilities

East Stroudsburg Area School District facilities will be constructed and regularly maintained to provide safe, secure facilities, which are specifically designed to enhance the educational environment for all stakeholders.

Facility and Infrastructure Maintenance/Custodial Program	2007-2008	2008-2009	2009-2010	Total	Funding Source
External Audit Process	\$10,000.00	\$3,000.00	\$3,000.00	\$16,000.00	010 - ADMINISTRATIVE BUDGET
External Audit Process	\$7,000.00	\$7,000.00	\$7,000.00	\$21,000.00	208 - Staff And Program Development
Regularly Scheduled Custodial Process/Maintenance	\$8,000.00	\$8,000.00	\$8,000.00	\$24,000.00	010 - ADMINISTRATIVE BUDGET

Growth Planning	2007-2008	2008-2009	2009-2010	Total	Funding Source
Facilities Planning	\$500.00	\$500.00	\$500.00	\$1,500.00	010 - ADMINISTRATIVE BUDGET
Facilities Planning	\$250.00	\$250.00	\$250.00	\$750.00	010 - ADMINISTRATIVE BUDGET
Five-Year Capital Improvement Plan.	\$8,000,000.00	\$8,000,000.00	\$8,000,000.00	\$24,000,000.00	010 - ADMINISTRATIVE BUDGET
Five-Year Capital Improvement Plan.	\$3,000.00	\$3,000.00	\$3,000.00	\$9,000.00	340 - REVENUE FOR TECHNOLOGY (EDUCATIONAL AND OTHER)

Network Technologies	2007-2008	2008-2009	2009-2010	Total	Funding Source
Maintenance of Local Area Network	\$24,000.00	\$24,000.00	\$24,000.00	\$72,000.00	eRATE
Maintenance of Local Area Network	\$12,000.00	\$12,000.00	\$12,000.00	\$36,000.00	090 - Unassigned
Software Applications for Active Researchers and Learners	\$18,500.00	\$21,000.00	\$22,500.00	\$62,000.00	010 - ADMINISTRATIVE BUDGET
Software Applications for Active Researchers and Learners	\$25,000.00	\$25,000.00	\$25,000.00	\$75,000.00	211 - Tutoring
Software Applications for Active Researchers	\$10,000.00	\$12,000.00	\$14,000.00	\$36,000.00	212 - PA Accountability

and Learners					Grants
Technology Partnerships	\$125.00	\$125.00	\$125.00	\$375.00	010 - ADMINISTRATIVE BUDGET
Technology Partnerships	\$9,500.00	\$12,000.00	\$13,500.00	\$35,000.00	010 - ADMINISTRATIVE BUDGET
Technology to Support Innovative Teaching	\$2,000.00	\$2,000.00	\$2,000.00	\$6,000.00	212 - PA Accountability Grants
Technology Tools to Encourage Active Learning	\$650,000.00	\$825,000.00	\$825,000.00	\$2,300,000.00	340 - REVENUE FOR TECHNOLOGY (EDUCATIONAL AND OTHER)
Virtual Faculty Room to Relieve Professional Isolation of Teachers	\$4,000.00	\$4,000.00	\$4,000.00	\$12,000.00	390 - EXTRA GRANTS
Wide Area Network	\$82,250.00	\$82,250.00	\$82,250.00	\$246,750.00	340 - REVENUE FOR TECHNOLOGY (EDUCATIONAL AND OTHER)
Wide Area Network	\$152,750.00	\$152,750.00	\$152,750.00	\$458,250.00	eRATE

School Safety and Security	2007-2008	2008-2009	2009-2010	Total	Funding Source
Content Filtering	\$4,200.00	\$4,400.00	\$4,600.00	\$13,200.00	010 - ADMINISTRATIVE BUDGET
Emergency Notification System	\$28,000.00	\$29,500.00	\$31,000.00	\$88,500.00	340 - REVENUE FOR TECHNOLOGY (EDUCATIONAL AND OTHER)
Facilities Access Control	\$0.00	\$30,000.00	\$60,000.00	\$90,000.00	010 - ADMINISTRATIVE BUDGET
Facilities Access Control	\$30,000.00	\$30,000.00	\$0.00	\$60,000.00	090 - Unassigned

School Security	2007-2008	2008-2009	2009-2010	Total	Funding Source
Site-Wise Virtual Facility Tour	\$3,500.00	\$4,800.00	\$5,100.00	\$13,400.00	340 - REVENUE FOR TECHNOLOGY (EDUCATIONAL AND OTHER)

TOTAL	\$9,084,575.00	\$9,292,575.00	\$9,299,575.00	\$27,676,725.00	
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Goal: Mathematics

East Stroudsburg Area School District students will demonstrate ongoing improved achievement in mathematics and meet the proficiency requirements necessary to meet adequate yearly progress (AYP) as measured by the annual statewide PSSA assessments.

Community Partnership	2007-2008	2008-2009	2009-2010	Total	Funding Source
Administer Needs Assessment	\$500.00	\$500.00	\$500.00	\$1,500.00	020 - CURRICULUM DEVELOPMENT AND INSTRUCTIONAL IMPROVEMENT SERVICES
Administer Needs Assessment	\$175.00	\$175.00	\$175.00	\$525.00	340 - REVENUE FOR TECHNOLOGY (EDUCATIONAL AND OTHER)
Parent University	\$1,000.00	\$1,000.00	\$1,000.00	\$3,000.00	411 - NCLB - Title I, Part A - Improving Basic Programs Operated by LEAs

Curriculum Alignment	2007-2008	2008-2009	2009-2010	Total	Funding Source
Best Practices	\$1,000.00	\$1,000.00	\$1,200.00	\$3,200.00	208 - Staff And Program Development
Mathematics Enrichment Program	\$1,500.00	\$1,800.00	\$1,800.00	\$5,100.00	020 - CURRICULUM DEVELOPMENT AND INSTRUCTIONAL IMPROVEMENT SERVICES
Mathematics Enrichment Program	\$1,000.00	\$1,000.00	\$1,000.00	\$3,000.00	208 - Staff And Program Development
Mathematics Enrichment Program	\$4,000.00	\$4,000.00	\$5,000.00	\$13,000.00	340 - REVENUE FOR TECHNOLOGY (EDUCATIONAL AND OTHER)
Remedial Mathematics Programs	\$3,000.00	\$3,000.00	\$3,000.00	\$9,000.00	340 - REVENUE FOR TECHNOLOGY (EDUCATIONAL AND OTHER)
Remedial Mathematics Programs	\$336,355.00	\$336,360.00	\$336,365.00	\$1,009,080.00	211 - Tutoring

Resources & Opportunities	\$3,500.00	\$3,500.00	\$3,500.00	\$10,500.00	208 - Staff And Program Development
Resources & Opportunities	\$3,000.00	\$3,000.00	\$4,000.00	\$10,000.00	340 - REVENUE FOR TECHNOLOGY (EDUCATIONAL AND OTHER)
Teachers/Curriculum Mapping	\$2,500.00	\$2,500.00	\$2,500.00	\$7,500.00	208 - Staff And Program Development

Extended Student Learning Opportunities	2007-2008	2008-2009	2009-2010	Total	Funding Source
Dual Enrollment/Online Courses	\$45,000.00	\$48,000.00	\$50,000.00	\$143,000.00	290 - OTHER PROGRAM SUBSIDIES
Dual Enrollment/Online Courses	\$500.00	\$500.00	\$0.00	\$1,000.00	010 - ADMINISTRATIVE BUDGET
Tutoring	\$350,000.00	\$362,500.00	\$375,000.00	\$1,087,500.00	211 - Tutoring
Tutoring	\$14,000.00	\$14,000.00	\$14,000.00	\$42,000.00	211 - Tutoring

Student Need	2007-2008	2008-2009	2009-2010	Total	Funding Source
Analyze Data Results to Differentiate Instruction	\$1,000.00	\$1,000.00	\$1,000.00	\$3,000.00	208 - Staff And Program Development
Analyze Data Results to Differentiate Instruction	\$4,000.00	\$4,000.00	\$4,000.00	\$12,000.00	212 - PA Accountability Grants
Data Collection	\$7,500.00	\$9,000.00	\$10,500.00	\$27,000.00	211 - Tutoring
Data Collection	\$4,000.00	\$4,000.00	\$4,000.00	\$12,000.00	010 - ADMINISTRATIVE BUDGET
Distribution of Data	\$5,000.00	\$5,000.00	\$5,000.00	\$15,000.00	212 - PA Accountability Grants
Standardized Assessments	\$2,000.00	\$2,000.00	\$0.00	\$4,000.00	340 - REVENUE FOR TECHNOLOGY (EDUCATIONAL AND OTHER)

Technology Support	2007-2008	2008-2009	2009-2010	Total	Funding Source
Equipment/Software Acquisition	\$25,000.00	\$25,000.00	\$25,000.00	\$75,000.00	211 - Tutoring
Equipment/Software Acquisition	\$10,000.00	\$10,000.00	\$10,000.00	\$30,000.00	674 - Part F - Supplementary

					State Grants For Facilities And Equipment And Other Program Improvement Facilities (Secondary)
Tech. Assessments/Software	\$2,000.00	\$0.00	\$0.00	\$2,000.00	010 - ADMINISTRATIVE BUDGET
Train Teachers on the Use of Technology Tools	\$1,800.00	\$1,800.00	\$1,800.00	\$5,400.00	208 - Staff And Program Development
Train Teachers on the Use of Technology Tools	\$2,000.00	\$2,000.00	\$0.00	\$4,000.00	010 - ADMINISTRATIVE BUDGET

TOTAL	\$831,330.00	\$846,635.00	\$860,340.00	\$2,538,305.00	
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Goal: Reading

East Stroudsburg Area School District students will demonstrate ongoing improved achievement in reading and communication arts and meet the proficiency requirements necessary to meet adequate yearly progress (AYP) as measured by the annual statewide PSSA assessments.

Community Partnership	2007-2008	2008-2009	2009-2010	Total	Funding Source
Administer Needs Assessment	\$31,500.00	\$33,000.00	\$34,500.00	\$99,000.00	020 - CURRICULUM DEVELOPMENT AND INSTRUCTIONAL IMPROVEMENT SERVICES
Administer Needs Assessment	\$175.00	\$175.00	\$0.00	\$350.00	010 - ADMINISTRATIVE BUDGET
Parent University	\$1,000.00	\$1,000.00	\$1,000.00	\$3,000.00	412 - NCLB - Title I, Part B - Includes Reading First, Even Start

Curriculum Alignment	2007-2008	2008-2009	2009-2010	Total	Funding Source
Data/Decision-Making	\$4,500.00	\$4,500.00	\$4,500.00	\$13,500.00	208 - Staff And Program Development
Data/Decision-Making	\$4,000.00	\$4,000.00	\$0.00	\$8,000.00	010 - ADMINISTRATIVE BUDGET
Remedial Reading Programs	\$336,355.00	\$336,360.00	\$336,365.00	\$1,009,080.00	211 - Tutoring

Remedial Reading Programs	\$3,000.00	\$3,000.00	\$0.00	\$6,000.00	340 - REVENUE FOR TECHNOLOGY (EDUCATIONAL AND OTHER)
Teachers/Curriculum Mapping	\$12,000.00	\$12,000.00	\$12,000.00	\$36,000.00	090 - Unassigned (Secondary)
Teachers/Curriculum Mapping	\$2,500.00	\$2,500.00	\$2,500.00	\$7,500.00	208 - Staff And Program Development

Extended Student Learning Opportunities	2007-2008	2008-2009	2009-2010	Total	Funding Source
Dual Enrollment/Online Courses	\$45,000.00	\$48,000.00	\$50,000.00	\$143,000.00	290 - OTHER PROGRAM SUBSIDIES
Tutoring	\$350,000.00	\$362,500.00	\$375,000.00	\$1,087,500.00	211 - Tutoring
Tutoring	\$15,000.00	\$18,500.00	\$21,000.00	\$54,500.00	390 - EXTRA GRANTS

Research-Based Practices	2007-2008	2008-2009	2009-2010	Total	Funding Source
Technology Integration	\$750.00	\$750.00	\$0.00	\$1,500.00	390 - EXTRA GRANTS
Technology Integration	\$750.00	\$750.00	\$750.00	\$2,250.00	208 - Staff And Program Development

TOTAL	\$806,530.00	\$827,035.00	\$837,615.00	\$2,471,180.00	
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Goal: Science

East Stroudsburg Area School District students will demonstrate ongoing improved achievement in science and meet the expectations for proficiency established by PDE.

Technology	2007-2008	2008-2009	2009-2010	Total	Funding Source
Instructional Resources Website	\$1,000.00	\$1,000.00	\$0.00	\$2,000.00	390 - EXTRA GRANTS
Professional Development for Science and Technology Integration	\$1,500.00	\$1,500.00	\$1,500.00	\$4,500.00	208 - Staff And Program Development
Virtual Field Trip Integration	\$2,000.00	\$2,000.00	\$2,000.00	\$6,000.00	424 - NCLB - Title II, Part D - Includes Enhancing Education Through Technology

Technology Standards Curriculum	2007-2008	2008-2009	2009-2010	Total	Funding Source
K-12 Internet Safety Curriculum	\$1,250.00	\$1,250.00	\$0.00	\$2,500.00	010 - ADMINISTRATIVE BUDGET
Technology Skills K-12	\$3,000.00	\$3,000.00	\$0.00	\$6,000.00	390 - EXTRA GRANTS
TOTAL	\$8,750.00	\$8,750.00	\$3,500.00	\$21,000.00	

GRAND TOTAL	\$10,731,185.00	\$10,974,995.00	\$11,001,030.00	\$32,707,210.00	
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Monitoring

Effective application of technology to support education involves careful review and re-planning of the classroom, school, and district-level programs. Research generally suggests that effective technology use is a complicated and involved process of planning and ongoing support with serious consideration of the current and emerging research findings on its use. In order to ensure adequate monitoring of this plan a variety of methods will be in place, with all monitors reporting their findings bi-annually to the Director of Instructional Technology for any redesign of the plan or minor modifications to make sure the goals of this plan are working in harmony with the goals of Chapter 4, Professional Education and Teacher Induction plans.

The Assistant Superintendent of Curriculum and Instruction and Director of Instructional Technology will identify all performance measures for this plan with the support of the Technology Planning Committee. A rubric will be designed as an assessment tool for each goal of the technology plan. The rubric will define the degree at which each goal has been achieved along with success indicators. Other assessment data will be gathered using a combination of student portfolios, observation and test results to establish what barriers were encountered and how they were addressed, along with any redesign or changes in the action plans. Surveys will be utilized when goals are more subjective in nature, such as technology integration and comfort levels of new technologies.

Monitoring of Partnerships

District expenditures and savings will be monitored and compared to the prices paid prior to joining the IU 20 regional WAN. Also, usage of the WAN will be monitored on a monthly basis. Each month's usage log will be compared to the previous month to assure that the Wide Area Network is meeting the district's needs. Other partnerships, such as the Student Internship Program through ITEC will also be monitored from a cost effective perspective.

Professional Development

Professional Development will be monitored by the Director of Technology with the Instructional Technology Coordinator implementing the program and holding the train the trainer activities while guiding course and program offerings to fit the needs of teachers at all levels and schools.

Budgeting Process

Budgeting and forward planning for the network, instructional computing, applications, and other technology tools will be the responsibility of the Director of Instructional Technology with collaborative input from the Information Technology and Educational Computing (ITEC) analyst and a focus group of users throughout the district. All activities will be monitored on a quarterly schedule for updates and alterations to the plan.

Technology Integration

Technology Integration will be evaluated by building principals through informal and formal teachers evaluations (administrative evaluation), Computer Coach/Technology Integration Mentor (peer evaluation), and teachers (self-evaluation). Consistent findings through the three types of monitoring will be used to further develop professional development opportunities, increase equipment access, additional software tools, or quicker response to keeping technology in working order.

Evaluation

Technology is related to increases in student performance when interactivity and other important features of instructional design are applied to its use. Teacher preparation, follow-up staff development, and technical assistance are critical prerequisites for effective technology applications. Planned integration of technology in education that directly involves the teacher consistently allows teachers to engage students in meaningful educational experiences and allows more time for individualized instructional opportunities.

The Assistant Superintendent of Curriculum and Instruction and the Director of Instructional Technology will identify all performance measures for this plan. With the support of the technology planning committee a rubric will be designed as an assessment tool for each goal of the technology plan. The rubric will define the degree at which each goal has been achieved along with success indicators. Other assessment data will be gathered using a combination of student portfolios, observations, and test results showing what barriers were encountered and how they were addressed, along with any redesign or changes. The action plans surveys will be utilized when goals are more subjective in nature, such as technology integration and comfort levels of new technologies.

A yearly evaluation of the plan will determine if the plan was successful in meeting the goals. This evaluation will largely rely on a compilation of each goal's rubric with additional feedback coming in forms of staff surveys, observations, and informal/formal assessments. Goals and strategies that are met will be identified in the yearly evaluations of the plan. Evaluating the plan's progress will list specifically the extent to which the goal was met, any needed follow-up strategies to sustain the effort, unexpected outcomes or benefits, and any barriers that were encountered. During the yearly plan evaluations, goals and strategies that have not been met will be focused on in upcoming years with the development of a small steering committee to provide additional supports to ensure progress is made in the attainment of this goal/strategy. Another part of the yearly plan evaluations will be to assess any emerging technologies, tools or strategies that need to be included in the plan and/or goal/strategies that are no longer relevant and should be deleted from the plan.