

District Information

AUN: 103024102

District: Gateway School District

Address: 9000 Gateway Campus Blvd., Monroeville, PA 15146-3379

Superintendent: Cleveland Steward

Contact Name: Dennis Houlihan

Contact Title: District Technology Coordinator

Contact Email: houlihan@gatewayk12.org

Contact Phone: 412-373-5716

Prior Plan Narrative

The Gateway School District has made considerable progress toward the completion of the goals that were established for the current technology plan. The district has purchased hardware, software, and a fiber optic network to increase technology capabilities of staff and students. We have purchased software and site licenses that support curriculum and instruction. A number of staff development and training opportunities have improved the capabilities of the staff and enhanced instruction and communication. We believe that there are a number of factors that have influenced the success of the plan. Those factors include the involvement in the beginning of a broad-based committee of all stakeholders in the district. The committee was diligent in developing a comprehensive plan that was aggressive and broad in scope, yet specific enough to support the completion of the goals. The implementation of the plan has also been successful because of the commitment of the administration and staff to work toward the goals. We have continued to maintain the needs of the students as a focus. The success of the plan's implementation can also be credited to the commitment of the Board of Directors who has recognized the need to improve the facilities and upgrade the resources that we provide for the staff and students. The district has also faced a number of barriers toward the full implementation of the plan. Resources such as time, personnel, and funding have limited the district in some areas of implementation. The following areas need to continue to be addressed: 1. Technology benchmarks need to be completed and include all grade levels K-12. A process for integration of technology benchmarks into the written curriculum needs to be developed. 2. Hardware needs to continue to be updated on a cyclical basis. 3. Instructional software that will support the curriculum needs to be purchased. 4. The efficiency of our current student information management system needs to be examined and alternatives explored. 5. The use of the web site needs to be expanded. An information flow mechanism needs to be developed. 6. The district needs to examine current technology staffing. 7. Technology for the purpose of increased and improved communications needs to continue to be a goal.

Mission and Vision Statement

2.1 MISSION AND VISION STATEMENTS
2.1.1 Technology Mission Statement
In keeping with the mission of Gateway's strategic plan, the technology plan will support the district's efforts in providing a quality educational opportunity for all students. Through the use of technology, the Gateway School District will enhance student learning and achievement of the district's curriculum and the Pennsylvania Academic Standards, improve communications, and become a more efficient and effective organization.

Technology Vision Statement
The use of technology to support the achievement of district curriculum and the Pennsylvania Academic Standards will benefit all students. For some students, increased availability of instructional technology will enhance their learning. For those whose educational needs are greater, it will narrow and hopefully close the achievement gap. The focus on technology to improve communications for all district stakeholders will also have a positive impact on all students. Improved communications between teachers, with parents, and between staff and administration will encourage, enable, and expect a more concentrated focus on student progress. Feedback to students and parents will be more timely with a greater potential for impact. Parents will become more active participants in their children's education. The district will become a more effective and efficient organization in its use of information in a more timely manner. Information will be more readily available to parents and the community at large. We will foster a better understanding and support of the district by the community as they become more involved in at least being knowledgeable about the school district. Parents and the community will become meaningful and active partners with the school district.

Goals & Strategies

This technology plan spans the fiscal years: July 1, 2005 - June 30, 2008

Goal - Integrate articulated and sequential technology standards in the K-12 written, taught, and assessed curriculum.

Strategy - The Gateway School District will continue to: 1. Develop Gateway School District technology standards.

Technology/Service -

Budget: 0

Funding Source: None

Funding Source: None

Professional Development

After the technology curriculum recommendations are approved and acquired, the staff will receive in-service training from both the vendor who is selected and a team of lead teachers that have been selected by the committee.

Monitoring/Evaluation

The Technology Curriculum committee will produce an online survey form that upon completion of the in-service the teachers will be required to answer.

Professional Development

District Administrator and teaching and support staff are members of the AdHoc committee. The district staffs along with the non staff members of the AdHoc committee are provided with manuals, books professional journals. Along with visits and presentations to other district or organizations

Monitoring/Evaluation

The AdHoc committee which was form as part of our last plan, and its mission was to monitor and evaluate the three year tech plan. The AdHoc committee has used and will continue to uses all district resources that we have listed above. These resources include professional journals, periodical site visits etc. The AdHoc committee meets every quarter to review the district progress using all of these resources along with online evaluations and hard copies.

Goal - Gateway School District

will implement an integrated electronic solution that will allow for all relevant District information to be stored, reported, managed, and provided/made available to all stakeholders.

The District will ensure that all stakeholders can access all relevant information in an effective, timely and secure manner.

Strategy - The district has implemented an electronic grade book from grades 5-12. In addition has created a new district web site in which some of our forms are available in PDF format. The district will continue to evaluate the effectiveness of both of these systems. The Technology Committee is now meeting and planning on updates to extend and expand these resources.

Technology/Service - Continued to maintain the Grade quick software along with updating to a new Windows version of Prosoft.

Budget: 95000.0000

Funding Source: District Categorical Funds

Funding Source: None

Professional Development

Teachers are receiving in-service on the grade book this has been ongoing as part of the district in-service program. There has been some PTO and staff training on obtaining forms off of the district web site. Training has been done by both technology and teaching staff.

Monitoring/Evaluation

After all in-service the staff is provided with either hard copies or on-line evaluation forms. In addition to these forms the Technology AdHoc committee evaluates the progress of these projects, by meeting with staff and the respective PTO's

Goal - The District will create a logical electronic solution to minimize use of and efficiently manage all relevant paper forms.

Strategy - One of the goals for the new Technology Committee is to continue the review and evaluation of the district current electronic management system. The committee has met with and is meeting with vendors and other district that has gone paperless

Technology/Service -

Budget: 0
Funding Source: None

Funding Source: None

Professional Development

District Administrators along with the Business office are constantly reviewing district paperwork. These individuals meet regularly to discuss and review our paper flow. Using new models that are being presented to the district by journals and other educational and professional organization the committee is constantly exploring other options.

Monitoring/Evaluation

The Technology AdHoc and new Administration Technology committee has been reviewing and is now reviewing and evaluating what has been done and what still needs to be done to meet this goal

Goal - All District buildings should use all relevant technology to make them the most efficient, secure, and accessible facilities.

Strategy - With the new district fiber optic network the district is evaluating both energy management and security systems. These evaluations are proceeding as part of the district renovation plan.

Technology/Service - Energy management consultant is now working with the district to help provide direction and guidance regarding the district energy usage.

Budget: 5000.0000

Funding Source: District Categorical Funds

Funding Source: None

Professional Development

The district Maintenance team along with the district Technology Buildings committee have been and are reviewing professional journals and periodicals that deal with these goals. In addition these committees had visited and attended trade shows that demonstrate the technologies.

Monitoring/Evaluation

Both the Maintenance teams and building technology committees meet regular to monitor status and present options.

Goal - The District will support the life-long learning of its staff, students, community members, and other stakeholders as its commitment to being a learning organization.

Strategy - The District will continue to offer Adults evening computer courses. The district web site will continue to be updated and maintained so as to provide relevant information.

Technology/Service -

Budget: 0

Funding Source: None

Funding Source: None

Professional Development

The Technology AdHoc Committee will receive updates and recommended directions and courses for this program.

Monitoring/Evaluation

Number of adults taking the courses along with returning students.

Goal - The District will collect information and consult with stakeholders to facilitate effective decision making.

Strategy - The district will continue to send out surveys both in electronic and paper formats to obtain input from all of the district stakeholders.

Technology/Service - Budget for postage and supplies.

Budget: 3000.0000

Funding Source: District Categorical Funds Funding Source: None

Professional Development

Administrative staff will continue to evaluate and accept all stakeholders input. To help evaluate the stakeholder recommendation the administrators will be provided with relevant journals and periodicals

Monitoring/Evaluation

The Technology AdHoc committee will continue to monitor and evaluate the out comes of the Administrator recommendation.

Goal - We will develop an equitable and robust networking infrastructure that supports current and future relevant technologies.

Strategy - The district will continue to acquire as required new edge and main switch gears for our fiber optic network.

Technology/Service - Ten new Alcatel switches are budgeted for in the 2005-2006 budget, These switches are for new computer enhancements.

Budget: 48000.0000

Funding Source: District Categorical Funds Funding Source:

Professional Development

The Technology AdHoc committee will be advice of all edge and main switch gear purchases, using all relevant technology journals and periodical this committee will review and approve these purchases

Monitoring/Evaluation

The Technology AdHoc committee will be advice of all edge and main switch gear purchases, using all relevant technology journals and periodical this committee will review and approve these purchases

Goal - All buildings in the district must be connected together in a common infrastructure that supports the communication and information goals.

Strategy - The District will continue to support the fiber optic network.

Technology/Service - Continue to pay maintenance cost on Fiber Optic network per year.

Budget: 300000.0000

Funding Source: District Categorical Funds Funding Source: E-Rate 47 percent

Professional Development

Technology support staff will continue to receive switch gear training. Training done by vendor.

Monitoring/Evaluation

Network performance will continue to be monitored by the technology staff. Information will be shared with the technology AdHoc committee.

Goal - The staff, students, and all stakeholders will develop the skills needed to enable them to access, use, and process relevant information using the appropriate tools of technology.

Strategy - The Technology Curriculum committee along with the Business Department of the Gateway High School has been reviewing our current curriculum for technology benchmarks. The district will continue doing AFG testing for all 11th graders. In the first year of the current plan the district added a technology integration course for all ninth graders. Currently the district is still offering this class.

Technology/Service - District is reviewing on-line testing programs to replace our current testing procedure.

Budget: 5000.0000

Funding Source: District Categorical Fund

Funding Source: None

Professional Development

The Technology Curriculum committee along with the Business Department of the Gateway High School has been reviewing our current curriculum for technology benchmarks. In the first year of the current plan the district added a technology integration course for all ninth graders. Currently the district is still offering this class. Staff will continue to be trained to meet this goal.

Monitoring/Evaluation

Uses of AFG testing of all 11th graders.

Goal - We will use technology to create model library information centers for students, staff and other district stakeholders that will meet and/or exceed the Pennsylvania Guidelines for School Library Information Programs.

Strategy - A new model library is being constructed in part of the high school renovation, upon completion of this renovation in early August the high school will have a new library. The technology committee along with the Librarian has been working on the specification for this area. These specifications were turned over to the Construction project.

Technology/Service - Technology equipment is to be purchased during the 2005-2006 school year. Equipment includes 65 computers, two projectors, new security system. All items were approved by the technology committee.

Budget: 49500.0000

Funding Source: District Categorical Fund

Funding Source: None

Professional Development

The Librarian and staff are to receive training on the new computers and resources of the new library. Training is to be done by both the technology department and vendors

Monitoring/Evaluation

Upon successful training of the library staff a review of procedures that were

learn will be on going by both the Librarian and the Technology AdHoc committee.

Goal - Technology will be used to develop seamless and efficient communications for interactions between faculty and staff within the district as well as between district personnel and students, parents, and other stakeholders.

Strategy - The district will continue expanding the uses of E-Mail.

Technology/Service - Server upgrades including new hardware and memory and storage.

Budget: 8000.0000

Funding Source: District Categorical Funds Funding Source: None

Strategy - The District will continue to expand the uses of the district web site.

Technology/Service - Additional staff will be train on updating and maintaining the district web site. Training will occur during inservice days.

Budget: 0

Funding Source: None Funding Source: None

Strategy - The district will continue to expand it uses of the television channel that is allocated to the district.

Technology/Service -

Budget: 0

Funding Source: None Funding Source: None

Professional Development

On going staff training on using e-mail will continue. The technology staff will provide the training. More staff will receive training on updating and maintaining the district web site.

Monitoring/Evaluation

The technology staff will monitor the performances of the e-mail, and web services.

Goal - A broad-based, Standing Technology Committee, comprised of relevant stakeholders, will serve in an advisory capacity on all technology, communication, and information needs.

Strategy - This is the Technology AdHoc committee. This committee will continue to met and expand by recruiting new members. In addition there will be more Technology Board meetings in which the AdHoc committee will be asks to present updates and recommendations

Technology/Service -

Budget: 0

Funding Source: None Funding Source: None

Professional Development

The district will continue to subscribe to periodicals and journals.

Monitoring/Evaluation

The Gateway School Board along with the Central Administration will monitor the direction of the Technology AdHoc committee.

Goal - Existing partnerships will be strengthened and additional partnerships will be pursued that

will support the communication and information needs of the district.

Strategy - Existing partnerships will be maintained and expanded on, while new ones will be searched for. These partnership will be shaped and reshaped to help met the requirements of the goal.

Technology/Service -

Budget: 0

Funding Source: None

Funding Source:

Professional Development

Newsletters and periodicals will be searched to help maintain and develop partnerships.

Monitoring/Evaluation

The Technology AdHoc committee will met with or communicate with all of our partners to review the partnership directions.
