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# Pennsylvania Department of Education

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Commonwealth of Pennsylvania  
**Department of Education**  
333 Market Street  
Harrisburg, PA 17126-0333

## **Educational Technology Report** **Monday, March 14, 2011** **(Last Approved: Monday, March 14, 2011)**

**Entity:** Fleetwood Area SD  
**Address:** 801 N Richmond St  
Fleetwood, PA 19522-1031

## **Mission**

The Fleetwood Area School District is committed to excellence in providing the educational resources and opportunities that empower all students to become life-long learners, productive community members and responsible citizens in a dynamic global environment.

## **Vision**

The Fleetwood Area School District, in partnership with families and the community, upholds high expectations, values diversity, utilizes current technology and resources, and creates a safe, active learning environment to enable each child to reach his or her potential.

## **Shared Values**

We believe that children learn best when:

- instruction is active, engaging and relevant.
- provided with appropriate time, resources and technology.
- they are involved and responsible for their own success.
- valued, accepted and treated with dignity and respect.
- provided with a safe learning environment.
- individual needs are met.
- they take responsibility for learning and actions.
- the school, family, and community work together to support the education of all children.

## **Needs Assessment**

### **Reflections**

There are currently no reflections selected for this section.

The Strategic Planning Committee and the Technology Subcommittee surveyed and studied the feedback from a variety of focus groups including students, teachers, administrators, parents, and community members. The committees identified three areas which need attention -- access to computer resources to support the curriculum, more efficient use of technology by teachers and staff for data management and analysis tasks, and the use of technology to foster communication with parents and guardians with the need for on-going training in all three areas. Although the Strategic Planning Committee, through the district mission statement, strongly endorses the use of current technology and resources, the committees also expressed the concern that technology be integrated effectively and equitably to improve student achievement. Staff requested time for teachers to share successful technology-based lessons with colleagues, to learn the technical aspects of new equipment and software and to review and revise planned courses to include computer resources.

The consensus was that students in all grades throughout the Fleetwood schools need

- more access to computers

- newer computers
- more time to use computers
- more computer classes
- more access to current software and online resources
- fewer restrictions on Internet sites at the high school level
- hands-on experience with new, emerging technology resources such as interactive whiteboards and social communication avenues

The district used the Pennsylvania Technology Inventory (PATI) survey results, a district-designed staff survey, and department or building long-range planning reports to identify the needs. The following observations emerged from those surveys.

- Teachers rated the district computer resources as adequate to good in most areas.
- Teachers indicated they are encouraged by administration to use innovative teaching practices using technology.
- Teachers feel that data indicates that technology is having a significant impact on student engagement, technology literacy, and on the development of 21<sup>st</sup> Century skills.
- Teachers would like to increase the use of wireless resources to provide flexibility in the instruction.
- Administrators and teachers would like to have the ability to access multiple-year student assessment data.
- Teachers feel strongly that students need to be taught to use the most up-to-date technological tools to survive and excel in post-graduate education and in the workplace.
- Administrators have seen a significant increase in the use of electronically-accessed student data by teachers to make decisions about instructional plans.
- As the number of computer-based tools increase, the teachers would like more technical support within their classrooms and more in-depth training.

## **Goals and Strategies**

### ***Goal:* TECHNOLOGY**

**Description:** Effectively use current technology resources to support the curriculum, to manage data, and to improve communication.

#### ***Strategy:* Computer resources**

**Description:** Increase the use of computer-based resources

### **Activity: Best practices**

**Description:** Identify and share exemplary uses of technology resources

#### **Person Responsible Timeline for Implementation Resources**

Fawcett, Jane	Start: 7/1/2011	-
	Finish: Ongoing	

**Status:** Not Started — Upcoming

### **Activity: Multimedia curriculum resources**

**Description:** Identify and provide multimedia resources, including those available through online resources via the Regional Wide Area Network, to support district curriculum.

#### **Person Responsible Timeline for Implementation Resources**

Fawcett, Jane	Start: 7/1/2011	\$876,820.00
	Finish: Ongoing	

**Status:** Not Started — Upcoming

### **Strategy: Data management tools**

**Description:** Increase teacher and staff efficiency using technology for data management tasks.

### **Activity: Electronic storage of student assessment data**

**Description:** Identify and implement the use of technology to store, access, evaluate, and analyze student assessment data.

#### **Person Responsible Timeline for Implementation Resources**

Fawcett, Jane	Start: 7/1/2011	\$45,000.00
	Finish: Ongoing	

**Status:** Not Started — Upcoming

### **Strategy: School/home communication**

**Description:** Increase the use of technology to facilitate communication between school staff and parents.

**Activity: Home Access Center**

**Description:** Expand the scope of the web-based, secure site from which parents and students are able to access individualized grades, report cards, schedules, and attendance information.

**Person Responsible Timeline for Implementation Resources**

Fawcett, Jane	Start: 7/1/2011 Finish: Ongoing	\$6,000.00
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**Status:** Not Started — Upcoming

**Activity: Teacher Pages**

**Description:** Post announcements and homework assignments on-line

**Person Responsible Timeline for Implementation Resources**

Fawcett, Jane	Start: 7/1/2011 Finish: Ongoing	\$6,000.00
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**Status:** Not Started — Upcoming

**Budget**

**Potential Budget for a NEW plan report that will span 7/1/2011 to 6/30/2014**

Funding Source	2011-2012	2012-2013	2013-2014	Total
010 - ADMINISTRATIVE BUDGET	\$17,000.00	\$17,000.00	\$17,000.00	\$51,000.00
030 - EDUCATIONAL PLANNING SERVICES	\$58,540.00	\$58,540.00	\$58,540.00	\$175,620.00
040 - INSTRUCTIONAL MATERIALS SERVICES	\$235,734.00	\$235,733.00	\$235,733.00	\$707,200.00
<b>Grand Total</b>	<b>\$311,274.00</b>	<b>\$311,273.00</b>	<b>\$311,273.00</b>	<b>\$933,820.00</b>

**Goal: TECHNOLOGY**

Effectively use current technology resources to support the curriculum, to manage data, and to improve communication.

Computer resources	2011-2012	2012-2013	2013-2014	Total	Funding Source
Multimedia curriculum resources	\$233,734.00	\$233,733.00	\$233,733.00	\$701,200.00	040 - INSTRUCTIONAL MATERIALS

					SERVICES
Multimedia curriculum resources	\$58,540.00	\$58,540.00	\$58,540.00	\$175,620.00	030 - EDUCATIONAL PLANNING SERVICES
<b>Data management tools</b>	<b>2011-2012</b>	<b>2012-2013</b>	<b>2013-2014</b>	<b>Total</b>	<b>Funding Source</b>
Electronic storage of student assessment data	\$15,000.00	\$15,000.00	\$15,000.00	\$45,000.00	010 - ADMINISTRATIVE BUDGET
<b>School/home communication</b>	<b>2011-2012</b>	<b>2012-2013</b>	<b>2013-2014</b>	<b>Total</b>	<b>Funding Source</b>
Home Access Center	\$2,000.00	\$2,000.00	\$2,000.00	\$6,000.00	010 - ADMINISTRATIVE BUDGET
Teacher Pages	\$2,000.00	\$2,000.00	\$2,000.00	\$6,000.00	040 - INSTRUCTIONAL MATERIALS SERVICES
<b>Subtotal</b>	<b>\$311,274.00</b>	<b>\$311,273.00</b>	<b>\$311,273.00</b>	<b>\$933,820.00</b>	
<b>Grand Total</b>	<b>\$311,274.00</b>	<b>\$311,273.00</b>	<b>\$311,273.00</b>	<b>\$933,820.00</b>	

## Staff Development

The District provides professional development opportunities for staff through a number of avenues. In-house training is provided for all staff, as needed, to develop a comfort level with the hardware and software to maximize the use of the curricular resources. The opportunities range from large-group demonstration models to small group or individual instruction. Efforts are made to provide as many hands-on workshops as possible with time for collaboration between colleagues.

Professional development, coordinated by the Assistant Superintendent, is offered by a number of staff members depending upon the focus of the training. The Information Technology Administrator provides initial and follow-up technical training on new initiatives and presents a technology resources workshop for new teachers as part of the Induction Program. Other workshops which focus on technology integration or technology-based curricular software are often co-facilitated by the building principals or assistant principals, the IT Administrator, the Assistant Superintendent, the Education Technology Specialist /CFF Coach and/or teachers such as the Elementary Computer Education teacher.

A train-the-trainer model in which teachers are initially instructed by the IT Administrator, the Education Technology Specialist /CFF Coach, the Intermediate Unit staff, or in vendor-sponsored workshops has been very successful. The teachers, who have a good insight into potential problems that may be encountered, then conduct training sessions for their colleagues and offer on-going, in-house support.

In-service opportunities are also provided for district staff through Intermediate Unit courses and workshops. Drawing upon the very successful summer workshop model coupled with in-service programs during the school year offered by both the Intermediate Unit and district personnel, the

identified needs of the staff and the initiatives defined by the District's Technology Plan are addressed.

Occasionally, outside providers will be engaged to work with staff to implement new initiatives.

## **Monitoring**

The Superintendent, Assistant Superintendent, Director of Student Services and Information Technology Administrator, in conjunction with building principals, will be responsible for monitoring the implementation of the Technology Plan to assure that the use of technology is pedagogically sound, fiscally responsible, and equitably integrated. In addition, the District Technology Committee will annually review the progress and success of the identified initiatives and recommend adjustments for subsequent years, if appropriate.

The district's annual review cycle of long-range plans requires all departments and kindergarten through grade 5 classroom teachers to include an evaluation of the use of technology and information resources as part of the curriculum review process. Through this annual review, the committees identify areas in which technology is needed to more effectively deliver their curricula, prioritizing a multi-year cycle of implementation.

Scheduled and informal observations of classroom lessons by principals, the Superintendent, and the Assistant Superintendent provide anecdotal feedback on the effective use of technology.

The IT Administrator and the administrative team periodically review any need for additional technology workshops, not only in curricular areas, but also in the use of data management tools, web-based communication software, and hardware/software upgrades.

Teachers and administrators complete the PATI (Pennsylvania Technology Inventory), CFF/21st Century Teaching and Learning with Technology, and district personnel surveys which provides excellent feedback for analysis and planning.

## **Evaluation**

The Technology Committee will meet on an annual basis to review the Technology Plan's goals and strategies to ascertain whether they have been successfully achieved. Recommendations will be made to provide for revisions and upgrades for subsequent school years with more frequent adjustments made, as required, to meet targeted areas. Staff surveys provide the most important source of information in determining success in meeting the Plan's goals.

The District's long range technology plan, monitored and maintained by the Information Technology Administrator, is also reviewed and revised annually to provide for hardware and software upgrades or replacements as requested by the faculty and administration, approved by the Board within the constraints of the budget, to meet the identified needs of the Technology Plan.

Changes in technology and the emergence of new technologies will be monitored and considered as the Technology Plan is reviewed to better achieve the District's goals.