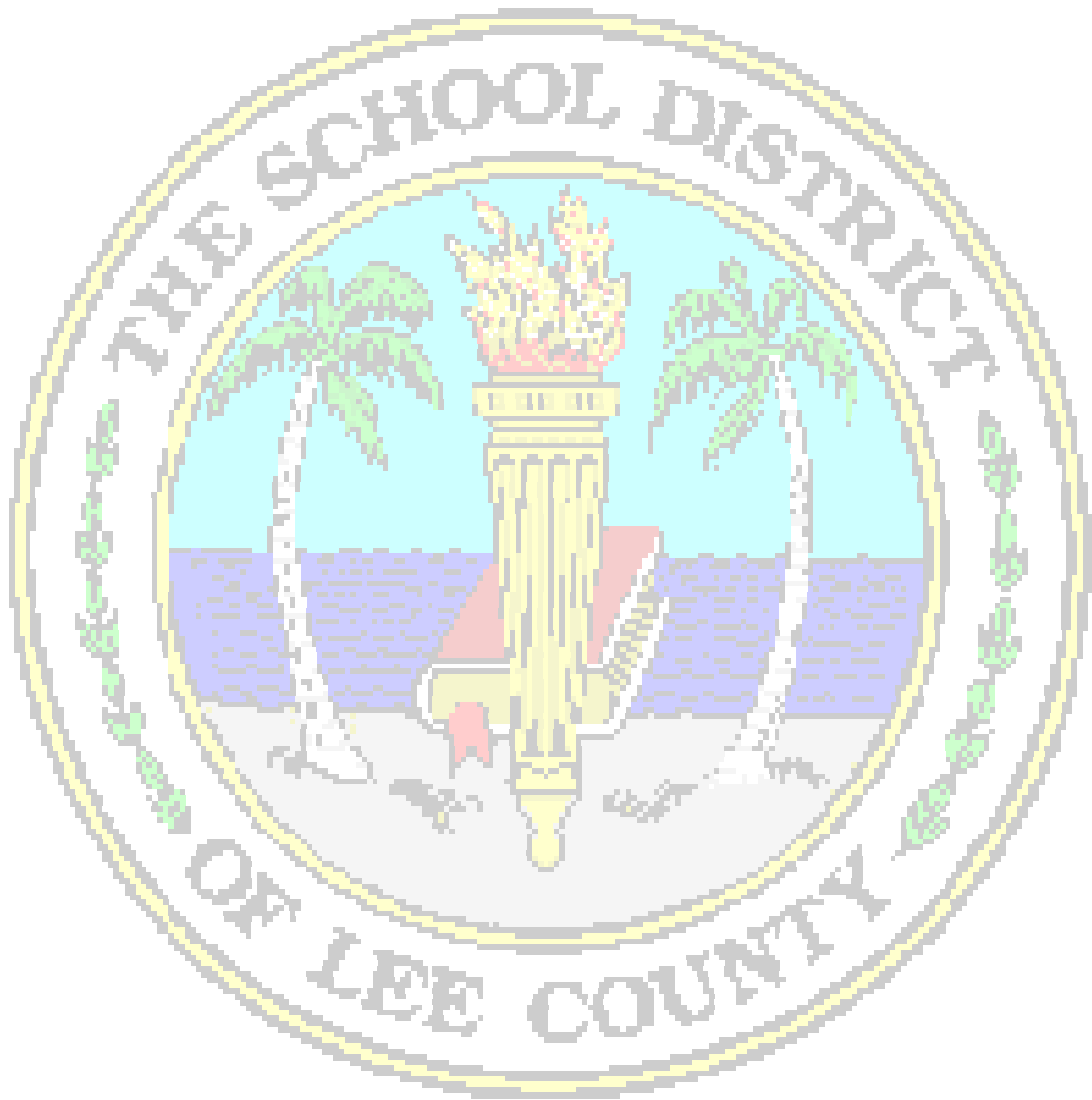


FLORIDA DEPARTMENT OF EDUCATION DISTRICT TECHNOLOGY PLAN SUBMISSION

<p>Please forward technology planning materials to:</p> <p>Florida Department of Education Office of Educational Technology Room 1101 Turlington Building 325 West Gaines Street Tallahassee, Florida 32399-0400 Telephone: (850) 245-0514 Suncom: 205-0514</p>	<p>District Technology Plan Internet Address/URL (if available):</p> <div style="border: 1px solid black; height: 20px; width: 100%; margin-bottom: 5px;"></div> <p>DOE OFFICE OF EDUCATIONAL TECHNOLOGY (OET) http://www.doe.firn.edu/edtech/</p>	<p><i>DOE OFFICE OF EDUCATIONAL TECHNOLOGY USE</i></p> <p>Date Received: _____</p>
<p style="text-align: center;">Name and Address of School District:</p> <p>School District of Lee County 2055 Central Ave. Fort Myers, FL 33901</p>		<p>PLAN SUBMISSION NOTES Districts participating in the federal E-Rate program that have completed an E-Rate Plan Addendum should include that material with any technology plan submission. Forwarding an E-Rate plan addendum for preliminary review is an option for districts, but a full plan must be submitted in order to obtain an updated technology plan agency approval letter. [E-Rate plan addendum preparation guidance is provided in conjunction with Essential Component #10].</p>
<p><i>Technology Plan Contact Information</i></p>		
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<p>TECHNOLOGY PLAN AUTHORIZATION</p>		
<p>I, Dr. James Browder, do hereby certify that this document accurately represents the current status of technology planning in the district. All records necessary to substantiate facts, figures, or representations made in this plan will be available for review by appropriate state and federal staff.</p>		
<p>Formal governing body approval has been provided for this planning document: <input type="checkbox"/> Approval date: _____</p>		
<p>This planning document is being submitted pending formal governing body approval: <input checked="" type="checkbox"/></p>		
<p>E) _____ SIGNATURE OF AGENCY HEAD</p>		

School District of Lee County
Educational Technology Plan



2007-2010

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I. TECHNOLOGY MISSION AND VISION

1.1 MISSION:

The District's current technology mission is: All students and staff, including exceptional students and those with language barriers, must become lifelong learners and be able to apply technology skills personally and professionally in the 21st century workplace.

The Mission of the School District of Lee County, the driving force which unites our dynamic, diverse community through education, is to ensure that each student achieves his/her highest personal potential through a system characterized by:

- rigorous and relevant academic challenges designed to meet each student's differences and interests
- innovative instruction based on reliable research
- opportunities that foster good citizenship
- a culture in which educators are held in high esteem
- highly trained staff
- a high level of parent support
- safe schools
- efficient use of all resources

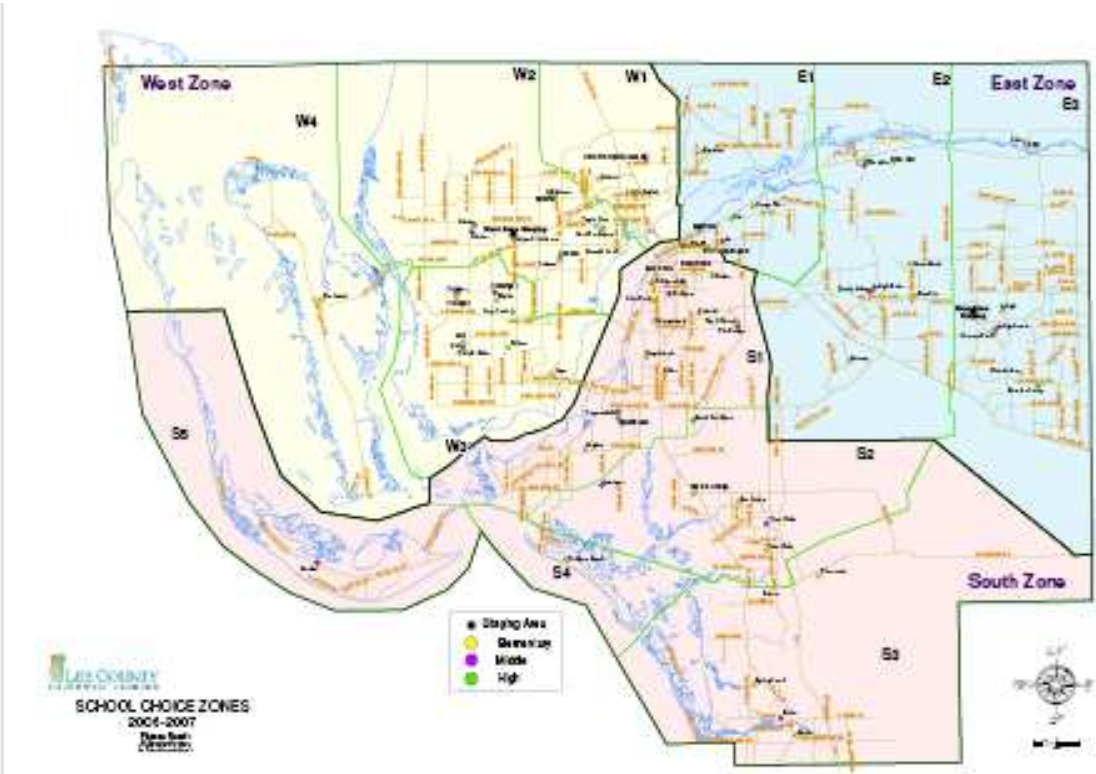
1.2 Vision

To be a world class school system.

II. GENERAL INTRODUCTION/BACKGROUND

2.1 District Profile

Factual Information for the School Year 2006 – 2007	
TOTAL NUMBER OF SCHOOLS	101
Elementary Schools	40
Middle Schools	16
High Schools	11
K - 8th Grade Schools	4
6 - 12th Grade Schools	1
Special Centers & Alternative Schools	13
High Tech Centers & Community Schools	3
Charter Schools	13



Enrollment by Race and Gender (2006-07 K-12th)	
White	41,282
Black	10,388
Hispanic	21,284
Asian	1,174
Indian	260
Multi	2,879
Gender K-12	
Male	39,423
Female	37,844

2006 - 07 DISTRICT BUDGET - Revenue	
State	\$257,101,012
Local	\$742,803,042
Federal	\$59,968,302
Transfers & Balances	\$516,190,018
Sub-total	\$1,576,062,374
Non-Revenue Sources	\$294,620
2003-04 Budget	\$1,576,356,994

2.2 Planning Process

The School District of Lee County’s Technology Plan is developed to support the mission goals of the school district. What is important is “How technology is contributing to the success of all students in achieving significant and measurable results?”

The technology planning process is designed to address the technology goals of the district. The ultimate goal is to have staff and students that are proficient in the use of technology.

The emergence of new technologies occurs at a rapid rate. Consequently, technology planning must occur on an ongoing basis. The technology plan is revised and assessed yearly to address these changes.

Information Technology Support and The Curriculum and Staff Development Center have developed committees that include stakeholders to develop technology standards and curriculum.

Technology planning has been integrated into the School Improvement Process. Schools annually assess technology utilizing the DOE Florida Innovates survey and the Technology Self Analysis Tool for Teachers (TSAT) to determine their technology needs and plan for technology.

2.3 Collaboration

The School District of Lee County administers the Adult and Community Education School; the Directors of each site have representatives in each of the stakeholder groups contributing to the District planning process.

III. NEEDS ASSESSMENT

The infrastructure and technology needs of the Lee County School District are assessed via the DOE Florida Innovates Survey that is administered by the Florida Department of Education.

3.1 Informational Based Processes

Schools have utilized three instruments to assess their technology needs; the STaR survey, renamed to the Florida Innovates Survey, the Inventory of Teacher Technology Skills (ITTS), and the Technology Self Analysis Tool for Educators (TSAT). All schools are encouraged to annually complete all three surveys. Schools can use the results of these surveys to promote site-based decision-making. The results of these surveys are presented and discussed

with the District Technology Committee. These results assist the District with its district-wide technology planning.

Fall 2006 technology planning became integrated into the school improvement planning process (Appendix A). This provides assurance that schools are planning for and integrating technology. These plans will be reviewed by the Instructional Technology Division of the Curriculum and Staff Development Center.

Schools in the District provide for their telecommunications services and technology infrastructure. Schools have technology plans integrated into the School Improvement Process.

3.2 Identification Of Telecommunications Services And Technology Infrastructure

The School District of Lee County provides a Wide Area Network. The District's WAN is based upon Metro Ethernet technology with a minimum 10 mb/s connection to the District office. The District office provides Internet access through a 100 mb/s Metro Ethernet Internet connection. Each site has a robust LAN, which connects each teacher to the network. School LAN's are based upon 100 mb/s and 1 gb/s connections to each school's core switch that connects them to the WAN. The District exclusively uses Cisco network infrastructure equipment.

Telephones are located in each classroom and staff area, which provides ready access to voice-based services. All schools also have an interactive home-school communication system which allows teachers to communicate directly with parents via voice or the Internet.

In regards to assistive technology, schools may borrow from Assistive Technology Education Network (ATEN) for system trials. Equipment required for specific students is purchased by the district with IDEA funds. It is provided for individual students as recommended by the Individualized Educational Plan (IEP) teams when needed to achieve IEP goals and participate in instruction. A system trial with data collection takes place before determination of need for specific database.

3.3 District Goals

3.3.1 Strategic Plan

- **Goal 1: Systems of Teaching and Learning**
 - **1.1 Specific Result:** All student subgroups will show adequate yearly progress as defined by Florida's approved federal

- accountability plan; and all schools will earn grades of “B” or better under Florida’s state accountability plan.
- **1.2 Specific Result:** The District’s graduation rate will exceed the state graduation rate by at least three percent.
 - **1.3 Specific Result:** The percentage of adult learners in career/technical education programs who successfully complete their respective programs will increase by 10%.
- **Goal 2: Staff**
- **2.1 Specific Result:** Staffing levels for all positions in the District will be determined and implemented.
 - **2.2 Specific Result:** All employee groups in the District will reflect diversity.
 - **2.3 Specific Result:** The district’s schools and department will create working conditions that are conducive to recruiting and retaining staff.
 - **2.4 Specific Result:** The district will provide a safe and healthy environment as measured by reduction of violent incident rates throughout the organization.
- **Goal 3: Parent Family Support**
- **3.1 Specific Result:** Build/strengthen a cultural partnership between school staff and families by developing a trust, a sense of belonging, and a sharing of common goals.
 - **3.2 Specific Result:** Build/strengthen methods of communication at each school.
- **Goal 4: Learning Environment**
- **4.1 Specific Result:** Increase security during daytime hours and decrease the frequency of vandalism after hours.
 - **4.2 Specific Result:** Initiate access control systems and policies.
 - **4.3 Specific Result:** Support and expand Indoor Air Quality of Plant Management.
 - **4.3 Specific Result:** Develop a consistent key-control policy for the district.
 - **4.4 Specific Result:** Enhance the SREF process improving the efficiency and effectiveness.
 - **4.5 Specific Result:** Increase appropriate student behaviors and increase student performance
- **Goal 5: Community Support**
- **5.1 Specific Result:** Utilize and maximize current resources to promote the achievements and successes of the school district.
 - **5.2 Specific Result:** Reach out to government, civic groups, businesses and individuals to improve community involvement.

- **5.3 Specific Result:** Promote the district's vision of public education.
- **5.4 Specific Result:** Increase opportunities for community feedback.

- **Goal 6: Acquisition of Resources**
 - **6.1 Specific Result:** The creation of an additional revenue stream through the passage of a sales tax initiative. This new funding source would facilitate the building of new schools, the refurbishing of older schools, technology, and retiring debt.
 - **6.2 Specific Result:** Implement revised and updated new construction and impact fee structures that will assist the District in keeping pace with facility needs.
 - **6.3 Specific Result:** Address the capital funding needs of the District.
 - **6.4 Specific Result:** Obtain property on which to build new schools.
 - **6.5 Specific Result:** Passage of specific legislation resulting in increased state funding for school districts.

- **Goal 7: Growth Management**
 - **7.1 Specific Result:** Reestablish the concept that schools and the school system are the cornerstone of the community who partner with public service providers.
 - **7.2 Specific Result:** Acquire usable land for construction of new facilities based on a two year growth projection cycle.
 - **7.2 Specific Result:** Establish a long term collaborative process for acquiring future school sites.
 - **7.3 Specific Result:** Establish a long-term collaborative process for optimizing the utilization of existing sites and facilities.

- **Goal 8: Organization Design**
 - **8.1 Specific Result:** By the school year 2010-2011, all departments, schools and classrooms will operate using the Baldrige/Sterling Quality management system.

3.3.2 Long/Short Term Technology Goals

The district currently has four instructional technology goals. These goals have been rewritten to align with state educational technology goals.

District Instructional Technology Vision:

To provide leadership and service to improve teaching and learning by advancing the effective use of technology in education.

Instructional Technology Goals:

In order to improve student achievement and proficiency based on NCLB requirements and Sunshine State Standards, we will...

1. provide a data-driven approach to instructional technology professional development planning and implementation at the school and district levels.
2. prepare instructional staff to integrate technology into the curriculum.
3. encourage individuals to implement higher levels of technology integration
4. establish an effective bridge between data-driven instruction, assessment and technology use.

District Technology Use Goals and Objectives

Using the ACOT (Apple Classroom's of Tomorrow) Five Stages of Technology Model as a guide, the School District of Lee County believes there are three stages of technology learning.

- Entry Stage (including keyboarding, computer literacy, and basic computer applications)
- Adaptation Stage (including drill and practice activities, instructional games, word processing and content-related software)
- Invention Stage (using technologies to promote higher level thinking skills, collaborative learning to solve real-world problems using authentic tools, and providing opportunities to demonstrate learning beyond standardized tests through performance based assessments).

Our goal is to bring students, teachers, staff, and administration into the Invention Stage for teaching and learning. This process begins at the elementary level for students and continues throughout their educational years.

Entry Stage

Student Objectives

1. Students will learn basic technology skills in classroom settings.
2. Students will use technology to complete classroom tasks.

Teacher/Staff/Administration Objectives

1. All staff will become proficient in district provided software that is to be used in the classroom and for school management and communication.
2. All staff will use technology for classroom and school management and communication.

Adaptation Stage

Student Objectives

1. Students will use technology tools to create products and classroom work that is technology enhanced.
2. Students will become proficient in a variety of software programs in the learning environment.
3. Students will learn technology skills through the integration of technology into everyday learning experiences.

Teacher/Staff/Administration Objective

1. Staff will integrate technology into classroom settings and the teaching process wherever applicable.

Invention Stage

Student Objectives

1. Students will use technology in project-based learning activities to increase their academic skills
2. Students will use technology to solve real-world problems and make informed decisions.

Teacher/Staff/Administration Objectives

1. Staff will model the use of technology as a tool for learning in their working environment.
2. Staff will use technology in teaching the District Academic Plan whenever the technology will enhance the learning of that curriculum.

The District also supports the goals as outlined in the No Child Left Behind Act: Enhancing Education through Technology Initiative. The challenge is to improve student academic achievement through the use of technology. The solution is to teach children how to use the technological tools available to them and integrate that technology into the curriculum to improve student achievement. The goals of this grant are:

- Improve student academic achievement through the use of technology in elementary schools and secondary schools.
- Assist students to become technologically literate by the time they finish the eighth grade.
- Ensure that teachers are able to integrate technology into the curriculum to improve student achievement.

The Intel Teach to the Future program is being utilized to instruct teachers to integrate technology into instruction and enhance student learning. Teachers receive extensive training and resources to promote effective technology use in the classroom. Teachers learn from other teachers how, when and where to incorporate technology tools and resources into their lesson plans. In addition, they are instructed on how best to create assessment tools and align lessons with educational learning goals and standards. The program incorporates use of the Internet, Web page design, and student projects.

3.4 District Standards

The Lee County School District has a very large and diverse computer network. This network consists of over 20,000 workstations of varying platforms, 400 network servers running six different network operating systems, a mainframe, and a mid-range (AS/400) system. We serve approximately 90 physical campuses. All computer hardware purchases are standardized and monitored by the District offices.

3.4.1 Hardware Standards

3.4.1.1 Computer Workstation Standards (Appendix B)

The District currently uses exclusive vendor contracts for desktop computers, laptop / notebook computers, and mobile (wireless) computer labs. District desktop computers are provided by Dell. District portable computers (laptops, Tablet PCs, and mobile computer labs) are provided by Gateway. The standard workstation configuration was developed by a committee. A request for proposal was issued to solicit proposals for vendors. Judging was based on a variety of categories, including pricing, warranty terms, support terms, service-level agreements, and historical performance.

The District's contract allows for the evolution of the standard computer workstation throughout the school year. As product lines change, standard workstations increase in specifications. Costs are capped and may only decrease as product lines change.

IV. Funding Plan

4.1 Sources of Funding

4.1.2 Recurring Technology Funding

- o Local Funding
 - Local 2 mil funds are budgeted in the District capital plan.
 - Departments and schools are allocated a percentage of available funds based on FTE and size.

- Federal Funds
 - Federal entitlement program funds are used by eligible schools to purchase technology solutions to support the needs of their unique populations.
 - NCLB:EETT “Enhancing Education through Technology”.
- Provides for Professional Development opportunity for teachers to learn how to integrate technology into the curriculum using the Intel Teach to the Future Model
- Provides hardware to provide equitable access to technology and align with the District standards for migrating to a PC environment.
- Funding Amounts
 - 2006-2007 – \$9,971,972.90
 - 2007-2008 (Proposed) - \$10,141,461.00
- E-Rate Funding
 - The funds received from eligible service rebates are used to support various technology-related projects and services throughout the District.

4.1.3 Non-Recurring Technology Funding

The District receives various grants which provide resources for technologies to support the projects indicated.

- Bonds-Certificates of Participation

4.2 Budget to Maintain Technology Plan

The District Capital Plan includes a line item for District-wide technology purchases. This budget is adjusted annually to reflect the increases required to support a growing environment.

A \$10,141,461.00 budget is proposed to support the following needs:

- Data wiring
- Microsoft School Agreement (software licensing)
- Security and network
- Network management software
- New school servers and network equipment upgrade
- Administrative server upgrades
- Teacher workstation replacement
- School network printer replacements
- Phone system upgrades
- Storage Area Networks (SAN) upgrades

V. Technology Acquisition Plan

5.1 Technologies to Meet District Instructional Program Goals

The District provides funding using a formula-based allocation system based upon each school's population size. Funding is provided in a categories for staff and student computers, printers, projection devices, and school discretionary funding that may be used for hardware, software, peripherals, and technology-based instructional enhancement systems. Each school must align purchases with their school improvement plan and technology refresh plans submitted annually.

5.2 Plans to Acquire Software and Technology-Based Educational Materials

The District provides some standardized instructional software for schools. Each school may purchase additional supplemental software to meet school-specific needs. Each school is responsible for purchasing software and educational materials to meet the Sunshine State Standards and to meet the District goals. Many schools have purchased software such as Accelerated Reader, Accelerated Math, S.T.A.R. Reading and S.T.A.R. Math, or utilize FCAT Explorer to assist them in meeting these goals. The District continues to work in the direction of standardizing some of these applications.

Instructional Technology & Media provides grade-appropriate videotapes and laserdiscs through the District Media Library and four channels of instructional programming are available for schools, in order to support the learning environment.

5.3 Timetable for Acquisition of Grade-Appropriate and Up-to-Date Technologies

Computer hardware is refreshed on a structured replacement program to ensure timely replacement of computers, printers, and standard peripherals. Schools are responsible to replace and enhance instructional technology enhancements, such as projection devices, interactive smart boards, interactive response devices, and specialized peripherals in a timely manner and are provided discretionary funds to fund those needs.

5.4 Technology Acquisitions Policies and Procedures

The Information Technology Support department continuously works to improve and simplify the process for ordering technology-related products. The department has standards and recommendations for hardware and software, which are posted on the District's intranet. It has created and implemented a web-based ordering system.

The District has approved an RFP on computer hardware which provides standards for student and staff workstations, laptops, and mobile computer labs (Appendix B). To simplify the quoting and ordering process the District has worked with the preferred vendors to develop customized web sites for schools to calculate quotes for computer purchases. These standards will allow for hardware to be consistent throughout the District. The District has the flexibility to customize equipment through its current vendors to address special situations.

Television studios and many audio visual products are also standardized through the Information Technology Support department.

5.5 Technical Guidance to School and District Personnel

Staff of the Curriculum and Staff Development Center, Instructional Technology & Media and Information Technology Support provides communication with schools to guide them in making technology related purchases. Hardware and software standards are also listed on the District's intranet. Monthly meetings are held with all school-based technologists in order to share information, provide training and support for specific District initiatives.

The District contracts with external support providers as needed for some applications and systems support.

VI. Access

6.1 Equitable Access

6.1.1 Equitable Access

The District's Lee Education Resource Network (LEARN) provides links to resources and departments within the District. LEARN is only available through the intranet. Many District departments provide instructional resources for teachers, community members, parents, and students that support the Sunshine State Standards.

The District's LEARN TV (Lee Education and Resource Network TV) is a community channel that provides educational resources for all school and community members. It offers great educational programming that promotes professional development for teachers.

All schools, all classrooms and all District offices have access to the District WAN, and through a District supported portal, the web.

The District also has a website available on the WWW. It provides space on the district server for schools to create their own website. Therefore,

parents and students are able to access these websites from home, strengthening the home-school connection.

The District is currently offering a local online learning community through the Community *Education Gateway* (EdGate). This gives teachers the ability to create their own website to keep parents and students informed of classroom activities and events. It also has a Curriculum Matrix that has lesson plans linked to the Sunshine State Standards. The education gateway also has areas for students and parents.

6.2 **Acceptable Use Policies**

The School Board has policies that regulate technology use (see Appendices).

- Management of Communication Services Networks (School Board Policy 2.19)

The principal of a school or the supervisor of a department shall be responsible for ensuring student and staff access to electronic forms of communication and network resources for administrative and instructional purposes, which support the mission, goals, and priorities of the School District. The regulation further provides guidance for using the telecommunication and network for administrative and instructional purposes. Users are to conduct themselves in an ethical manner and must secure their passwords for security purposes.

A copy of this School Board policy is available in Appendix C.

- Copyright (School Board Policy 2.23)

The copyright guidelines, as described in the policy, is expected to be followed with regard to copyright of original works, which can be perceived, reproduced or otherwise communicated, either directly or with the aid of machine or device. It further outlines that employees and students of the District shall follow the Fair Use Guidelines that are posted on the District information resource networks, and distributed to all schools.

6.3 **Technology Protection Measures**

- Acceptable Use Policy Governing Internet and Technology Access (School Board Policy 2.20)

This policy provides the guidelines and procedures for governing Internet and technology access. Staff and students of the School District must adhere to the regulation. Failure to adhere to these regulations shall result in suspension and/or revocation of access to District information resources pending formal investigation and could result in termination of employment (staff) or suspension/expulsion (student) from the School District. Technology resources are considered a privilege, not a right.

Student use of technology in the District is addressed in the Student Code of Conduct (Appendix D). Parents and students must agree to the provisions and consequences outlined stating, "I understand my responsibilities and rights, behaviors that are infractions of the rules, and the possible consequences for infractions of the rules."

The District currently uses an Internet filtering engine based upon Microsoft's Internet Security & Acceleration (ISA) Server 2006. The servers act as both a proxy server to cache web content for improved performance, and a content filtering server. The content filtering system, called "Chaperon", is a database-driven content filtering solution. The District blocks inappropriate content based on content type (category). The filter web site database is maintained by the software manufacturer, but is customizable at the District level. The District has the capability to customize the database to include sites that are not already filtered and to allow access to sites that are accidentally blocked or where the content may include information that is relevant to the District's curriculum, but should be presented and reviewed only with direct instructor supervision. The District provides schools the ability to independently block web sites at the school level as the school administration feels is necessary.

The School District of Lee County policy is that users of network communications would utilize it in a responsible, efficient, ethical and legal manner. This also involves the district complying with the Children's Internet Protection Act (CIPA).

A copy of this School Board policy is available in Appendix C.

VII. User Support Plan

7.1 Network Management and Improved Support in for End-Users in Classrooms

The District currently provides several levels of technical support for technology end-users. See Organization Chart for Information Technology Support (Appendix E).

School Technical Support

Each school within the District has at least one technology support staff member within the school. The role of this staff member is to provide first-level end-user support and training for technology solutions purchased by the school or the District. That school-based staff member is supported by both peer groups and a District support structure. Issues that are not able to be handled within the school are escalated to the appropriate department through the District's Help Desk. The Help Desk provides support to school technology staff over the phone and through the use of remote access tools that allow the Help Desk technician to remotely control computer workstations at the schools to investigate and resolve problems first-hand.

Issues that cannot be resolved at the Help Desk may be escalated to various functional groups within the Information Technology Support Department and to other departments as appropriate for the type of issue reported by the school. Additional technical support staff members within the Information Technology Support Department may attempt to resolve the issues remotely using remote control tools and other systems to allow for remote diagnostics and repairs. Severe software issues, as well as computer hardware, network infrastructure, telecommunications, wiring, and other issues requiring on-site attention will be directed to field staff who troubleshoot problems on-site within a school. Field staff members are provided direct real-time access to high-level technical staff, such as systems analysts and other specialists so that they may work collaboratively with staff members from any department or functional group as necessary to resolve the technical issue.

Department Technical Support

Technical support for users within administrative departments is performed using the same process as described in the "School Technical Support" section, with one exception. Most departments do not have a technical support person on staff within their departments. As a result, the Help Desk provides the first level of technical support for these users. Escalation of technical support issues and field support procedures are identical to those for school support.

Computer Hardware Repair

The District is an authorized repair center for all standard computer workstations and servers used within the District. Warranty repairs are handled by the District's certified technicians, allowing faster response times and lower total cost of ownership for items under warranty.

Collaboration

Technology support within the District is a collaborative effort involving multiple departments. The Information Technology Support department works directly with other departments, such as Information Systems,

Curriculum and Staff Development, and the Communications Department to assist end-users in finding a solution to their technical support needs. In addition, technicians work directly with vendors to assist in support of products that require vendor assistance.

7.2 District Technical Support Options for Equipment Maintenance and Replacement

The District currently funds all equipment replacement through the technology plan budget. Funding is provided to the schools annually in a combination of restricted and discretionary accounts. The Information Technology Support department processes bulk orders for computers, monitors, and projection devices, and printers. Schools purchase the remaining equipment through their annual discretionary technology allocation.

VIII. Professional Development Plan

8.1 Provisions for Increasing Use of Technology in Classroom and Media Center

The goals for the Curriculum and Staff Development Center are to

- Increase the use of research-based instructional strategies in all classrooms
- Increase or maintain employee participation in professional development activities
- CSDC will achieve Quality Achievement Level 1
- Increase % of students reading at or above grade level by 4%
- Increase the reading, speaking and writing skills among ELL participating in the international centers
- 100% of all grade levels will have a math & science component through the alignment of the district academic plans with the newly revised SSS
- District graduation will increase through implementation of NovaNet supported credit retrieval classes
- Increase foreign language opportunities in elementary level as measured by implementation of Flex program
- Design and implement pre-post test in all major subject areas

The Curriculum and Staff Development Center focuses on many different areas, with technology being one of them. The technology focus is on instruction and applications. Various classes are provided that promote the integration of technology into the classroom (Appendix I).

8.2 Source of Ongoing Training and Technical Assistance

- *Information Technology Support*

- ITS offers monthly technology meetings for all school Technology Specialist/Network Support Specialists. As well as, optional training via Summer Institutes.
- Also see Section 7 User Support Plan.
- *Curriculum and Staff Development Center (Appendix F)*
 - Staff Development provides various training opportunities and Summer Institutes for administrative, instructional, and support staff (Appendix J).
 - Curriculum and Staff Development will conduct Summer Cadres where teachers will attend a week-long training opportunity in which they will expand upon their knowledge and skills in a specific academic or instructional area. Activities will enable cadre members to effectively design and deliver district-wide preschool and possibly school year training to teachers in job-alike groups. The cadres are divided into elementary (K-5) and secondary (6-12); covering the following areas: Math, Reading, The Arts, Health & PE, Guidance, Technology, Media and Foreign Language.
 - The Instructional Technology Cadre goal is to develop an action plan for supporting and integrating the use of technology into all curricular areas.
 - The District offers online courses through the Blackboard Learning System. Teachers, parents, and students can access these courses from both home and school. There are also a number of Professional Development courses available through the Blackboard Learning System. The district currently has a cadre of Blackboard developers who are responsible for designing the on-line course offerings.
 - The District has a channel in the ITV network for district announcements, staff development opportunities, training, distance learning, and teleconferences.
 - Instructional Technology & Media has two Media Technology Specialists that provide training and technical assistance to Media Specialist for the media and textbook circulation systems; which includes hardware and software support.
 - The Enhancing Education Through Technology grant employs a teacher-on-special assignment who is responsible for training selected schools using the Intel Teach to the Future model. There also three additional Intel Teach to the Future Master Trainers to assist with the training.
 - Each school has a Technology Specialist and/or Technical Support Specialist to assist the staff with training or technical issues.

IX. Program Evaluation

9.1 Integration into the School Curriculum and Student Achievement and Progress Toward Meeting Sunshine State Standards

The mission of technology in the School District of Lee County is for students to become lifelong learners and be able to apply technology skills personally and professionally in the 21st century workplace. The District is also committed to focus on improved student achievement so that all students meet or exceed rigorous District Standards. The ultimate goal of technology integration is to increase student achievement.

The district has traditionally measured student achievement through the use of standardized tests, such as FCAT. These exams are good for measuring increases in student performance. It has been shown that technology:

- Accelerates, enriches and deepens basic skills
- Motivates and engages students in learning
- Helps relate academics to the practices of today's work force
- Increases economic viability of tomorrow's workers
- Strengthens teaching

The District will continue to use FCAT scores as one form of measurement to assess student achievement and work. The District will identify and analyze technology's role in regards to student achievement.

To meet the Sunshine State Standards, teachers utilize EdGate's Curriculum Matrix to locate lesson plans that align to the Sunshine State Standards. Also, the Intel Teach to the Future program workshop assists teacher in acquiring the skills needed to effectively integrate technology into the curriculum; ensuring the incorporation of the Sunshine State Standards.

The Florida's Office of Program Policy Analysis and Government Accountability (OPPAGA) conducted a formative evaluation on the District in 2002. OPPAGA utilizes the *Sharpening the Pencil Program* which assesses the financial management practices of school districts. The Sharpening the Pencil Program is intended to improve school district management and use of resources and to identify costs savings. The evaluation analyzes ten different areas with Administrative and Instructional Technology as one of them. This section focuses on various areas: Technology Planning, Cost-Effective Technology Acquisition, Technology Professional Development, Technical Support, Infrastructure and Network Communication and Information Management and Delivery. After the evaluation District accomplishments are noted and recommendations are made. The District has responded to these recommendations with the following actions taken:

- The District has standardized the purchase of computer workstations, servers, printers, mobile labs and software purchases (Microsoft Office).
- Through the Enhancing Education Through Technology Grant the District has been able to fund the replacement of obsolete equipment and to meet the goal of having a single platform.
- A Technology Curriculum Committee was developed and is assigned the task of creating a technology curriculum for the District.

- Purchase of Follett TextLink hardware and software for textbook management at all district secondary sites. This software assists the recovery of textbooks.

The School District and schools will continue to use the Florida Innovates survey and TSAT to assess how technology is being implemented at both levels. The results will continue to be used to make informed decision as to the direction technology should take at the school and district level.

9.2 Mid-Course Corrections

Technology planning is an on-going process, and the evaluation of the effectiveness of technology in the District should be structured to produce information that can be used in an annual review cycle. Measures of success in achieving the goals of the Plan will be developed and evaluated annually. This will be achieved using the Florida Innovates Survey for analysis purpose. Technology committees of the Information Technology Support and the Curriculum and Staff Development Center will assist in providing input on technology planning.

X. E-Rate Program Planning Criteria

The Telecommunications Act of 1996 established “Universal Service Discount Program” for Schools and Libraries. It is designed to ensure that all eligible schools and libraries have affordable access to advance telecommunications services. The level of discount is based on economic need and location of the school and library. (See Appendix J).

10.1 Goals and Strategies

The goals and strategies for the District’s use of telecommunications and information technology infrastructure are incorporated into the District’s technology plan goals (see section 3.3).

10.2 Professional Development Strategies

The end-user professional development strategies for relating to the District’s telecommunications and information technology infrastructure are incorporated into the District’s technology professional development strategies (see section VIII).

Adequate technical support of such a large infrastructure is necessary to provide for the opportunity for these resources to enhance the instructional and operational efficiency and effectiveness of the organization. Technical support staff members of **all levels** are required to complete industry certifications (CompTIA, Microsoft, and Cisco certifications) as well as

District-specific training provided throughout the school year. Telecommunications staff members are required to complete manufacturer training and certification for systems supported.

10.3 Assessment of Product & Service Needs

The District completed a much-needed upgrade of the wide-area network that services all schools and administrative facilities during the 2006-2007 school year. This upgrade provided minimum 10 mb/s connections (increased from 1.54 mb/s T-1) between the schools and the central office, and an upgrade from 30 mb/s to 100 mb/s for Internet access. Additional upgrades are planned during the 2007-2010 timeframe, including upgrades to 20 mb/s for many secondary facilities. The District actively monitors the utilization rates of network resources to identify the need and plan for implementation of network upgrades. Assessment will be ongoing.

Assessment of hardware, software, and other services required to meet our goals is an ongoing process that occurs throughout every school year. Goals are identified for each budget year and implemented according to need and budgetary limitations.

10.4 Budget to Acquire Non-Discounted Items

The District maintains adequate budgets to acquire non-discounted products and services. Please refer to Addendum J for details.

10.5 Ongoing Evaluation

The District evaluates completion of technology-related goals, needs, and support issues on a continuous basis. Technology-related instructional goals are monitored by the Curriculum & Staff Development Department on a regular basis, through surveys and evaluation tools that provide performance indicators relating to technology integration. The Information Technology Support Department actively monitors all aspects of infrastructure performance and support. Project goals are tracked very closely. Feedback is regularly solicited from the schools and departments in the form of surveys, live workshops, and ongoing committees. Adjustments are made as needed or as new circumstances or opportunities arise. The District maintains a great deal of agility that allows us to adapt to changes or new opportunities.

***Note:** The District's E-Rate addendum is attached to this document. Please see Addendum J for details.

XI. NCLB: Enhancing Education Through Technology (EETT) Part 1 Application

The District annually writes and submits the EETT Part 1 Application as required for program participation. In accordance with a Title II-D program assurance provided by the district, the current approved fiscal year's EETT entitlement application is considered to be a component of the Lee County Technology Plan. A copy of the application will be provided by the district upon request.

APPENDICES

Thursday, May 24, 2007

SCHOOL TECHNOLOGY PLAN

Page 1 of 3

Principal: _____ **SAC/SIP Contact:** _____

Which School Improvement Plan Goal(s) / Target (s) will this technology plan support?
 Reading Math Writing Science Parent Involvement
 Health & Fitness Air Quality Other: _____

Step	Actions to Accomplish Plan	Person(s) Responsible	Description/Contacts	Anticipated Completion Date
1	General Introduction Identify the person responsible for writing the technology plan.			Fall 2006
2	User Support Plan Designate personnel to support technology users.			Fall 2006
3	Needs Assessment Technology Self-Analysis Tool for Educators (TSAT) Includes an assessment of teacher needs in relation to achievement of technology integration and literacy as required in NCLB. DOE Inventory of Teacher Technology Skills (ITTS), if applicable.		Data verified by the Curriculum and Staff Development Center and the Instructional Technology Cadre.	Fall 2006
4	Implementation Plan Includes a technology literacy training component necessary to meet NCLB requirements for teachers.		<u>Teacher Technology Literacy</u>	Spring 2007

SCHOOL TECHNOLOGY PLAN

Principal:

SAC/SIP Contact:

4	Includes an integration training component necessary to meet NCLB requirements for teachers.		<u>Technology Integration</u>	Spring 2007
4	Addresses NCLB student technology literacy requirement of NCLB.		<u>Student Technology Literacy</u>	Spring 2007
5	Access Address special needs accessibility issues (assistive technology). Description of how technologies and the network will be accessible to teachers, students, and staff.			Spring 2007

Thursday, May 24, 2007				
SCHOOL TECHNOLOGY PLAN			Page 3 of 3	
Principal:		SAC/SIP Contact:		
6	Professional Development Includes a plan for ongoing professional development that will support NCLB technology requirements.		<i>Reference School Professional Development Plan</i>	Reference School Professional Development Plan
7	Evaluation Addresses the effectiveness of meeting Actions 1-6. Incorporation of evaluation information for ongoing planning. Process and timeline for ongoing, long-term planning.			Spring 2007

COMPUTER HARDWARE AND PERIPHERAL STANDARDS

Desktop Workstations

Configuration	Standard Student / Staff Desktop Computer	Standard Student / Staff Laptop Computer
CPU	3 Ghz Intel Celeron	1.7 Ghz Mobile CPU
Memory (RAM)	1 GB	1 GB
Storage (Hard Drive)	80 GB	40 GB
Removable Storage	1.44 MB Floppy CDRW/DVD Combo Drive	CDRW/DVD Combo Drive
Networking	Integrated 10/100 Ethernet	Integrated 10/100 Ethernet Integrated 802.11g Wireless
Video	Integrated Video Card 17" LCD Monitor with Integrated Speakers	Integrated Video Card 15.4" TFT LCD Screen External VGA Port
Chassis	Choice of low-profile desktop or small tower chassis.	Mid-Size Notebook Chassis
Warranty	5 Years Parts & Labor	5 Year Parts & Labor 5 Year Accidental Damage
Options	<u>Available Options:</u> - Various monitor options. * All configurations may be customized beyond the options noted above with IT approval.	<u>Available Options:</u> - DVD-RW Drive - Port Replicator * All configurations may be customized beyond the options noted above with IT approval.

Mobile Computer Labs

Configuration	Standard Mobile Computer Lab Packages
Number of Computers	Lab Packages Available in Denominations of 15 and 30 Laptops. These May be Customized for other denominations.
CPU	1.7 Ghz Mobile CPU
Memory (RAM)	1 GB
Storage (Hard Drive)	40 GB
Removable Storage	CDRW/DVD Combo Drive
Networking	Integrated 10/100 Ethernet Integrated 802.11g Wireless 15-Unit Lab Includes One Cisco Wireless Access Point 30-Unit Lab Includes Two Cisco Wireless Access Point. Lab May be Used as a Single Unit or Broken Into Two.
Video	Integrated Video Card 15" TFT LCD Screen

	External VGA Port
Chassis	Mid-Size Notebook Chassis
Laptop Storage & Transportation	Locking Mobile Lab Cart with Integrated Power.
Printer	Includes Network Laser Printer
Warranty	5 Year Parts & Labor 5 Year Accidental Damage
Options	<u>Available Options:</u> - DVDRW Drive - Port Replicator * All configurations may be customized beyond the options noted above with IT approval.

The configurations provided are the standard configurations most often purchased as of this fiscal year. Special packages are provided for video editing system, library systems, CAD systems, and other special uses. Special packages are approved on a case-by-case basis. When a school requires a computer system that is outside of the standard and special-use configurations already developed, the Information Technology Support Department works with the school on customizing a package to suit the needs of the school or special program. The District's current vendor agreements allows for the development of customized configurations and allows other vendor's products to be used for special needs as determined by the District.

Network Electronics

The District has standardized on Cisco products for intelligent network electronics (routers and switches) used in the District and school buildings. Intelligent electronics are used in all MDFs and IDFs. Particular product lines vary by existing school design.

Board Policy 2.19: Management of Communication Services and Networks

The principal of a school or the supervisor of a department shall be responsible for ensuring that student and staff access to electronic forms of communication and network resources is used for administrative and instructional purposes which support the mission, goals and priorities of the School District by enforcing the following rules:

- (1) Telecommunication and network access shall be used for instructional and administrative work.
- (2) Users of telecommunication and network resources shall conduct themselves in an ethical and legal manner.
- (3) Only the person authorized to have access by the School District shall have access to District resources such as: e-mail, mainframe and other electronic information resources.
- (4) Authorized District users of telecommunications and other electronic resources and networks are responsible for the security of their passwords and any unauthorized use of accounts in their name.
- (5) District telecommunication and network access shall be considered a privilege, not a right. Any inappropriate use of this resource shall result in the revocation of the account and may include termination of employment.
- (6) All users of the telecommunication and network resources shall adhere to current copyright law.
- (7) Any use of the District telecommunication and network resources for personal gain is prohibited.
- (8) All information transmitted through the telecommunication and network resources of the District are considered District property. As such, these communications are accessible by system administrators for review at any time.

STATUTORY AUTHORITY: 1001.42, 1001.43, F.S.

Board Policy 2.20: Acceptable Use Policy Governing Internet and Technology Access

The following procedures shall be followed for governing Internet and technology access. Failure to adhere to these regulations shall result in suspension and/or revocation of access to District information resources pending formal investigation and could result in termination of employment (staff) or suspension/expulsion (student) from the School District.

- (1) The School District of Lee County provides technology resources to its students and staff for educational and administrative purposes. The use of these technology resources is a privilege, not a right and, as such, is subject to revocation by the School District administration at any time for abusive conduct or violation of any of the conditions outlined below.
- (2) All users are prohibited from:
 - (a) Deliberate access or transmission of obscene, indecent, abusive, defamatory or otherwise offensive material in any form.
 - (b) Transmission of material endorsing or opposing any candidate for political office. Communications by the Board's legislative liaison to provide information and encourage action on pending legislation affecting the School District and the forwarding of such communications are not included in this prohibition.
 - (c) Transmission of religious material.
 - (d) Deliberate or malicious attempts to harm, destroy, or steal data on any system on the network and/or Internet.
 - (e) Unauthorized installation, storage or distribution of copyrighted software or materials on any School District electronic information system.
 - (f) Reposting personal communications without the author's prior consent.
 - (g) Using the network for personal financial gain, or any commercial or illegal activity. The Superintendent or designee may approve commercial advertising on the District website and through e-mail distribution to all staff when such advertising is not obscene, indecent, abusive, or defamatory and

does not advertise a product or service appropriate only for adult use. Additionally, the advertiser must provide a benefit to the school or District or school or District employee. The school principal may approve advertising on the school website and through e-mail distribution to all school staff on the same terms. No pop-up advertising will be allowed on the school or District website.

- (h) Deliberate spread of computer "viruses."
 - (i) Attaching/installing/adding personally owned computer and/or other electronic devices to any District network without written permission from District administration.
- (3) As a condition of use of District information resources, all users understand and agree with the following:
- (a) The District complies with the Children's Internet Protection Act (CIPA) and in doing so ensures that during the school day and school activities:
 1. Access by users to inappropriate matter on the Internet and World Wide Web is not permitted under any circumstances. For all users, "inappropriate matter" includes child pornography and visual depictions of obscenity. For users under 17 years of age, "inappropriate" also includes matters harmful to minors as defined by CIPA.
 2. The safety and security of minors when using electronic mail, chat rooms, and other forms of direct electronic communication is protected.
 3. Unauthorized access, including "hacking," and other unlawful activities by minors is prohibited.
 4. Unauthorized disclosure, use and dissemination of any personal information regarding minors are prohibited.
 5. Technology protection measures are in place, which are designed to restrict users access to inappropriate matters.
 - (b) The District has the right to review any materials stored in District computers and electronic systems. Any right of privacy that users of District information resources may have in and to such material is waived.
 - (c) The District can edit or remove any materials, which it believes may be unlawful, obscene, indecent, abusive or in any way objectionable.

-
- (d) The use of the Internet is for educational purposes only. Students are not allowed to access the Internet without supervision. The District provides such supervision only during the school day and school activities. Parents/guardians are responsible for such supervision outside the school day and school activities.
 - (e) All information and services contained on the District computers are placed there solely for general educational purposes.
 - (f) System passwords are the responsibility of each individual user. Passwords shall not be shared with others and shall be kept secure at all times. Failure to secure passwords shall result in the revocation of network access.
- (4) Any attempt to damage or impair the information resource network of the District, such as e-mail bombardment, transmission of chain letters, virus hoaxes, "spoofing" of header or identifiable information regarding the sender, hacking or "sniffing," shall result in revocation of network access and may subject the user to disciplinary and/or legal action.

Board Policy 2.23: Copyright

The following guidelines shall be followed with regard to copyright of original works which can be perceived, reproduced or otherwise communicated, either directly or with the aid of machine or device:

- (1) Copyright law extends to the original works of authorship, fixed at any tangible medium of expression now known or later developed, from which can be perceived, reproduced or otherwise communicated, either directly or with the aid of machine or device.
- (2) Ideas cannot be copyrighted. Copyright protects the manner in which an idea has been expressed, which is in a work of authorship.
- (3) Works of authorship fall into the following

Categories:

- (a) Literary works
 - (b) Musical works, including accompanying words
 - (c) Dramatic works, including accompanying music
 - (d) Pantomimes and choreographic works
 - (e) Pictorial, graphic and sculptural works
 - (f) Sound recordings
 - (g) Motion pictures and other audio/visual works
 - (h) Architectural works
- (4) The Copyright Act provides that learning institutions have the opportunity to use copyrighted work for purposes of teaching, scholarship or research without infringement of the law. This principle is called fair use. The following four basic factors determine fair use:
 - (a) Purpose - the usage is for non-profit or educational purpose, use is permissible.

Student Code of Conduct COMPUTER/NETWORK USAGE Grades K - 12

NETWORK WARNING

The School District of Lee County, Florida, views information retrieval over the network and on local computer workstations in the same capacity as information retrieval from reference materials identified by schools. Specifically, the School District supports those materials which will enhance research and inquiry abilities of the learner with directed guidance from faculty and staff.

Acceptable uses of network and other computing resources are activities which support learning and teaching in The School District of Lee County.

With such wide access to computers and people all over the world, there is also the availability of material that may not be considered to be of educational value in the context of the school setting. There may be some material, individual contacts or communications which are not suitable for school-age children.



The School District of Lee County has taken precautions to manage access to inappropriate materials. These precautions include a firewall system, the use of proxy servers, and the use of filtering software, which limits access to inappropriate materials.

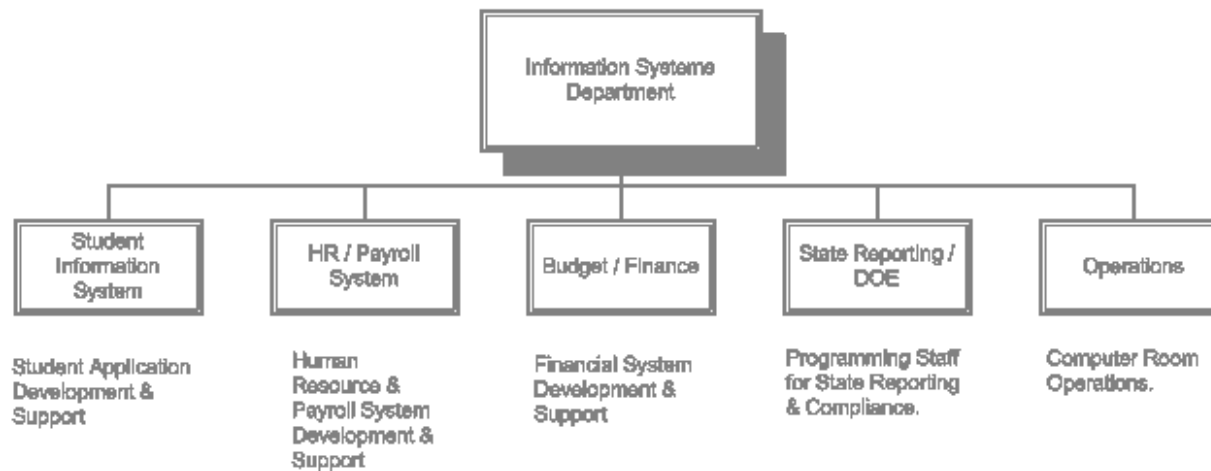
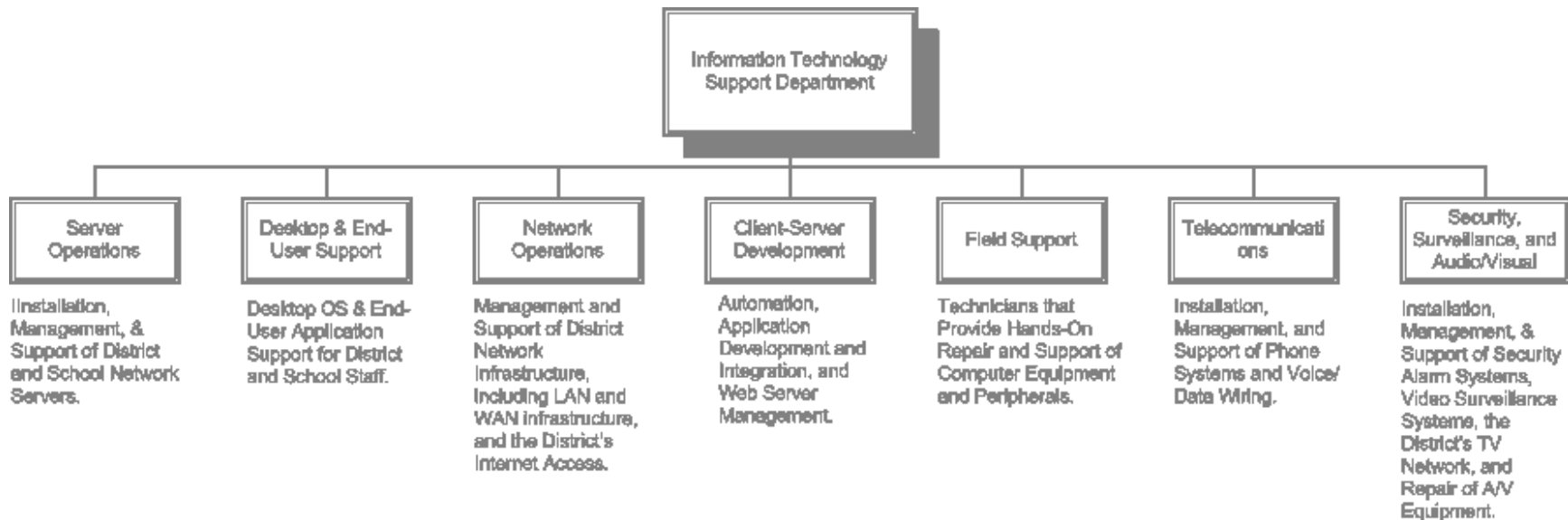
The School District will make every effort to provide appropriate supervision; however, it is impossible to control all materials on a global network (Internet). The school or District cannot prevent the possibility that some users may access material that is not consistent with the educational mission, goals and policies of the school or District, since access to the Internet may be obtained from sites other than a school.

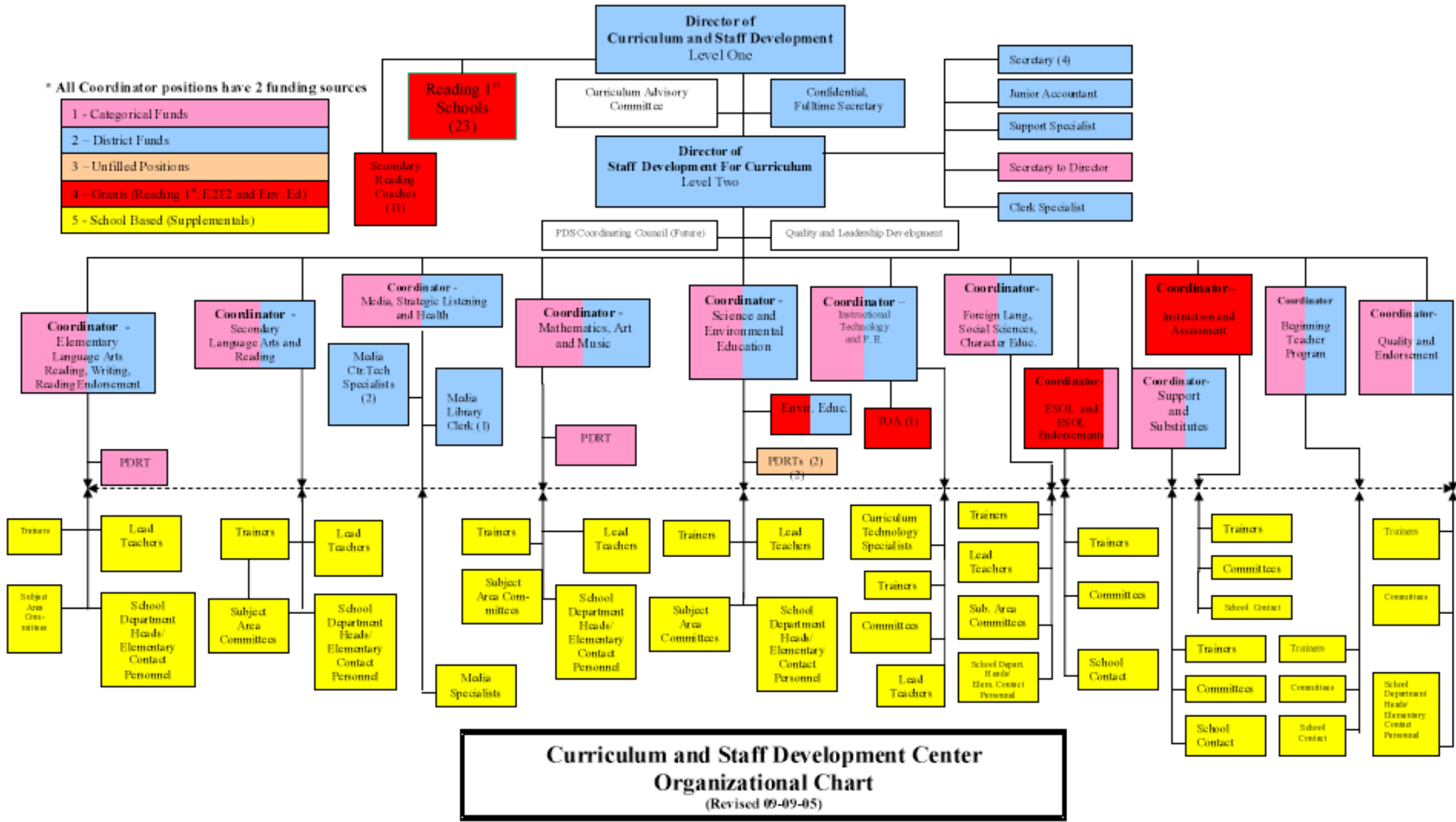
It is a general policy that the District's Intranet environment, FIRN network, and Internet access resources are to be used in a responsible, efficient, ethical, and legal manner. Failure to adhere to the general policy and guidelines will result in suspension or revocation of the user's privileges of access.

Unacceptable uses of the network include, but are not limited to:

- violating the conditions of the Education Code dealing with students' rights to privacy
- using profanity, obscenity, or other language, which is offensive to another user;
- reposting another individual's communications without the author's prior consent;

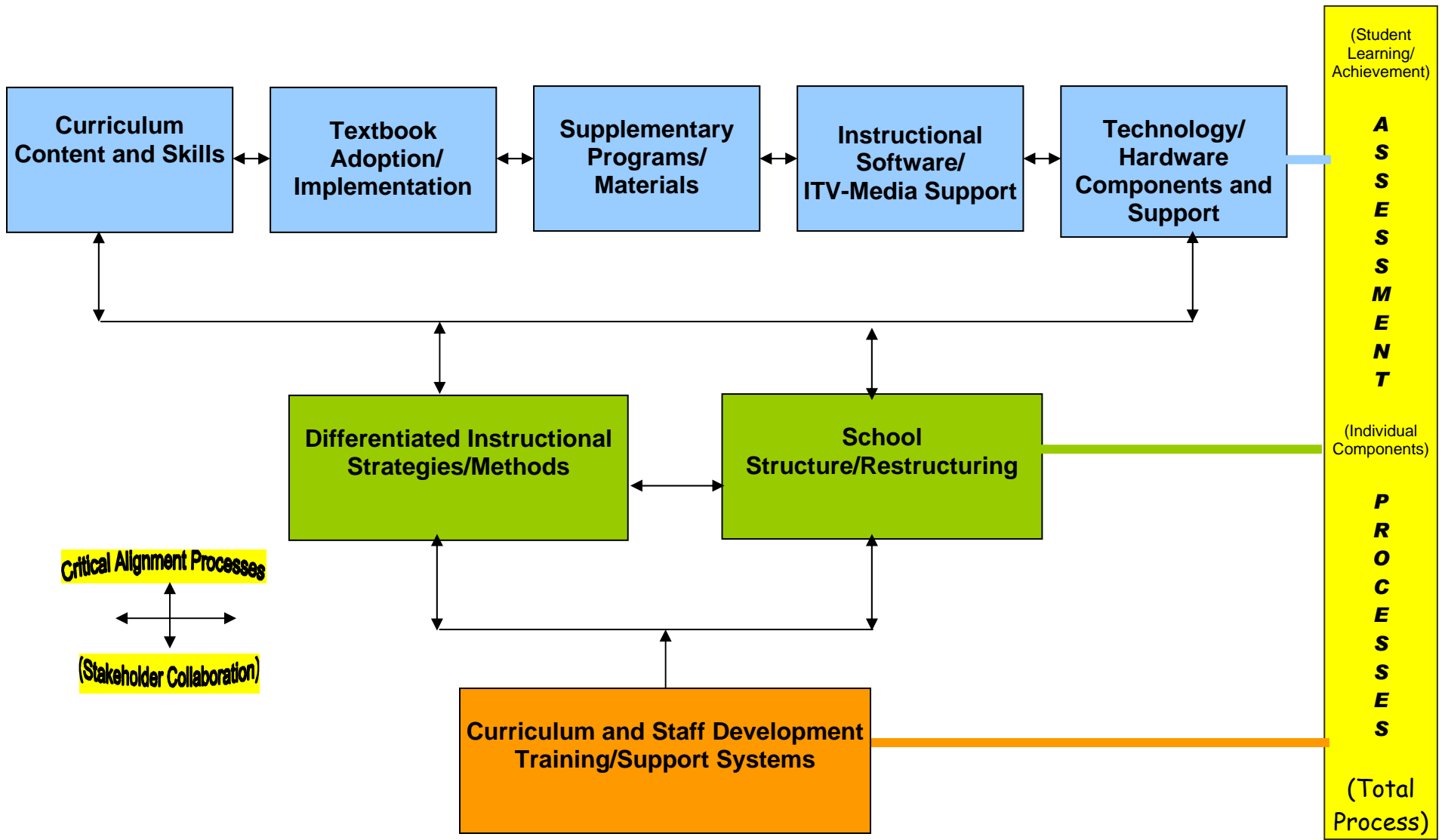
- copying commercial software in violation of copyright law or other copyright protected material;
- using the network for financial gain or for any commercial or illegal activity;
- using the network for product advertisement, political lobbying, or to unlawfully promote religion;
- the malicious attempt to harm or destroy data of another user or any other network is considered
- Vandalism and is prohibited.





ACADEMIC PLAN – QUALITY ALIGNMENT

Curriculum/Staff Development Component



ACADEMIC PLAN SCHEDULE -- THE SCHOOL DISTRICT OF LEE COUNTY

Dr. L. D. Tihen 11-03-06	Transition Component	Curriculum Design	Textbook Adoption	Instructional Processes	Inservice Training	Supplemental Materials/ Software	Technology Hardware	Inservice Training	Formative/ Summative Assessments
Mathematics * (Vandeventer)	Textbook Adoption Cycle	2003-2004	2003-2004	2004-2005	Summer 2004	* 2004-2005	2004-2005	Summer 2005	2004-2005
Social Studies * (Ericson)	Textbook Adoption Cycle	2004-2005	2004-2005	2004-2005	Summer 2005	2005-2006	2007-2008	Summer 2006	2007-2008
Science * (Tully)	Textbook Adoption Cycle	2004-2005	2005-2006	2005-2006	Summer 2006	2006-2007	2007-2008	Summer 2007	2008-2009
Foreign Language (Ericson)	K-12 Foreign Language Plan 03-04	2005-2006	2006-2007	2006-2007	Summer 2007	2007-2008	2007-2008	Summer 2008	2008-2009
Language Arts * (Egana)	Middle School Reform Act*	2006-2007	2008-2009	2008-2009	Summer 2009	2009-2010	2009-2010	Summer 2010	2007-2008
Reading * (Busenbark & Schneider)	Reading Endorsement*	2006-2007	2007-2008	2007-2008	Summer 2008	2008-2009	2008-2009	Summer 2009	2006-2007
Art (Vandeventer)	Textbook Adoption Cycle	2005-2006	2006-2007	2006-2007	Summer 2007	2007-2008	2007-2008	Summer 2008	2006-2007
Music (Vandeventer)	Textbook Adoption Cycle	2007-2008	2008-2009	2008-2009	Summer 2009	2009-2010	2009-2010	Summer 2010	2008-2009
Physical Education * (Elkin)	PE Committee Recommendations*	2004-2005	N/A	2005-2006	Summer 2006	2007-2008	2006-2007	Summer 2007	2006-2007
Health (Agle)	Textbook Adoption Cycle	2005-2006	2006-2007	2006-2007	Summer 2007	2006-2007	2007-2008	Summer 2008	2006-2007
Instructional Technology *	District Tech Plan, NCLB 2006 6-8 Literacy*	2005-2006	2006-2007	2006-2007	Summer 2007	2007-2008	2007-2008	Summer 2008	2005-2006*

(Elkin)									
Character Education (Ericson)	K-12 Char. Ed. Curriculum Review 03-04	Spring 2004 2 new units written	Curriculum on website update Summer 2004	N/A	Spring 2004 Summer 2004 2004-2005	N/A	N/A	N/A	N/A (Program Assessment)

Technology Staff Development Opportunities

Advanced Access

This course is for the experienced Access user. Topics will include importing and exporting data, securities, and accessing databases from the Internet.

Advanced Excel

This is not a beginning-level course. Participants will learn advanced features of the Microsoft Excel spreadsheet and graph program including importing and exporting from other applications, using the IF function, creating complex formulas, creating templates and workbooks with multiple worksheets, and learning data tables, and macros.

Advanced Publisher

This course is geared to some of the advanced techniques that can be used in Publisher including quality newsletters, brochures and much more.

Advanced Word

This course is for those who are already comfortable using Microsoft Word. Participants will learn to create forms, mail mergers, advanced work with tables and more.

Beginning Access

This is a beginning course to learn the Microsoft Access database program. Participants will develop their own databases and create queries and reports to access data.

Beginning Excel

This is a beginning course to learn the Microsoft Excel spreadsheet program. Participants will develop spreadsheets, create worksheets, learn to manipulate data, and work with formulas.

Beginning Front Page

The Internet has many resources available - the most common is the World Wide Web. The Web allows you to view text, graphics, and sound clips! In this course you will learn how to design your own Web Page for your school, department, or classroom.

Blackboard

This 6 hour class will give you the basics for designing online training. Bring content that you want to put into an online training.

Cool Tools for Technology

Participants will use computers and software as tools that help develop students' critical thinking and foster their collaboration skills, and encourage higher levels of learning in which students construct their own understanding. This 45-hour course includes 30 hours of classroom instruction and hands-on techniques, 15 hours of required reading from *Integrating Computer Technology into the Classroom* and curriculum/technology

related classroom projects to be completed. There is a minimum of 15 hours of outside work required.

Community Education Gateway (EdGate)

This web site offers teachers lessons, activities and resources that are aligned to the Sunshine State Standards. Teachers taking this workshop will be expected to train and give support to teachers at their school site.

EAROBICS Software Training

The Earobics Literact Launch is a research based literacy program that helps students develop foundational skills to become strong readers.

Exploring Curriculum Resources on the Web

In this class, participants will learn how to navigate, use search engines, create folders, organize folders, export and import folders, and visit educational sites on the Internet. The focus will be on how to integrate Internet resources into the curriculum. Participants will find resources that they can immediately use in their classroom. (6 hours)

FCAT Explorer Training for Building Administrators

This workshop is for the person in the building who will enroll teachers, create classes, enroll students in classes and monitor your student's progress. The FCAT Explorer site was created by the DOE so that students use it as a tool to practice FCAT related test items

Florida Leaders.net

For principals and assistant principals only. Priority seating will be given to principals. This national program instructs principals in how to use data to assess their school and how technology can help with improved school climate. To register visit the website <http://www.floridaleaders.net/regional4.php>

Getting Inspired with Inspiration

This class will introduce teachers to Inspiration, a visual learning tool that inspires students to organize their thinking. It can be used in almost every curriculum area for concept mapping, outlining, webbing, creative thinking, and planning. Students can use the "diagram view" to create and modify concept maps, webs, and other graphical organizers. The "outline view" enables students to quickly prioritize and rearrange ideas, helping them create clear, concise writing. Participants will have time to create activities to use immediately in their classrooms. (6 hours)

Intel – Teach to the Future

The Intel “Teach to the Future Program” has been created to help teachers expand the boundaries of their creativity and the creativity of their students beyond the walls of the classroom. The program aims to help teachers use the power of computer technology to spark student imagination, and ultimately move them toward greater learning. When you

return to the classroom your unit portfolio will be ready for you to use. Your unit portfolio will consist of:

1. A unit plan with student learning objectives aligned to state standards
2. Student samples
3. Evaluation tools
4. A teacher presentation, newsletters, brochures or website
5. Handouts, templates or tests
6. A unit implementation plan
7. Classroom management documents
8. Works cited document This class requires 40 hours of in class time with at least 20 hours of outside work.

Interactive PowerPoint

This class provides participants with all the basics for creating an exciting presentation using this popular piece of software, and time to create a presentation to take with them. Participants will also learn how to make the PowerPoint interactive for student use. (6 hours)

Intermediate FrontPage

This course will offer more of the "bells and whistles" to Microsoft FrontPage. Participants will work with lists, anchors, images, tables, forms, special elements, page layout, cascading style sheets, and java. Participants need to be familiar with and presently using FrontPage.

Internet Basics

In this class participants will learn how to navigate, use search engines, and visit educational sites on the Internet.

Kidspiration - Visual Learning Tools for Students K-3

Participants will learn how Kidspiration helps K-3 students organize and develop their great ideas. Using proven principals of visual learning, kids build their confidence in creating stories, organizing information, understanding concepts and expressing and sharing their thoughts. Teachers will create interactive learning activities to use in their classroom with students. (6 hours)

Microsoft Publisher

This course is great for learning desktop publishing. Participants will learn to create cards, fliers, newsletters, calendars, and tables with this fun and easy-to-learn program.

Microsoft Word

This class will give you all you need to be comfortable using this word processing program. The class will cover the basics of word processing such as formatting, coping and pasting, moving text, setting tabs and margins, creating tables, and much more.

New Teacher Technology

Participants will understand the basic uses of Pinnacle, LMS, e-mail, LEARN, Ed Gate, and Beacon.

Palm Pilot Training for Administrators

Tired of trying to figure out how to use your Palm effectively? Learn the basics in this three-hour workshop. You will learn to use the digitizer, calendar features, and memo pad; create an E-Business Card; create and customize your address book; create categories; beam categories, addresses and software; and align it with Outlook. You will also see some of the educational uses of Palm handhelds in the classroom. You must have a Palm Handheld Computer.

Photo Magic - Digital Photography

You have taken pictures, now what do you do with them? In this class you will learn how to edit a picture, convert a picture to a different file format, and put your pictures into a word processing/multimedia project. You will be introduced to a variety of different software available for use with your photos, from shareware to software that costs \$50.00 or less. Activities include hands-on experience with special effects software such as morph and panoramas. (6 – 12 hours)

E-Rate Technology Plan

Certifications & Addendum*

Funding Year 2007-2008

District/School Name:	Lee County Public Schools	Contact Name:	Linda Gadomski
Billed Entity #: <i>(As assigned by the Schools & Libraries Division)</i>	127832	Contact Title:	Accountant
Regional Educational Consortium: (If applicable)		Contact Phone:	239-335-1525
		Contact Email:	LindaGa@leeschools.net

Please read the following three main statements and one sub-choice & check box(s) as appropriate for your district: Please note that all districts already have a Florida approved technology plan on file. The following statements are regarding adding an update or addendum to the original technology plan to comply with the SLD criteria that technology plans include all Form 470 items (except for basic phone service). **Please check appropriate box(s).**

Our district did not submit an E-Rate application for Funding Year 2007-2008, thus the E-Rate Technology Plan Addendum is not applicable.

Our district is filing only for *basic telecommunication services* (basic local/long distance only, not including voice mail, Centrex, etc.) for Funding Year 2007-2008, thus the E-Rate Technology Plan Addendum is not applicable. (Note: If you use FIRN then you need a technology plan)

Our district is filing for more than basic *telecommunication services* for Funding Year 2007-2008.

An E-Rate Technology Plan Addendum has been completed and attached to this certification page.

Our district also certifies to the following conditions:

- all Form 470s and use of state master contract Form 470(s) submitted for Funding Year 2007-2008 are based on the district technology plan; and all Form 470 items (besides basic telecommunications) can be found in the technology plan and/or addendum; and
- although the basic structure of our technology plan has been approved, we understand that E-Rate rules require a level of consistency between technology plans and E-Rate funding requests that may not be subject to review under the Florida technology plan approval process. Therefore, we agree to be held responsible if our technology plan is found to be inconsistent with our Form 470s and/or 471s for Funding Year 2007-2008.

E-Rate Technology Plan Addendum

Funding Year 2007-2008

Please enter appropriate and, concise responses necessary to fulfill the plan addendum guidelines as prescribed below (i.e., use only the amount of space needed for the services and/or items listed). **NOTE: The current technology plan may be cited by page and paragraph to prevent having to create new technology plan. The material provided must address each E-Rate plan criteria area discussed below. Complete and accurate responses will be needed to meet the intent of the E-Rate Plan Addendum.**

<u>Telecom Services, Internet Access & Internal Connections</u>	<u>Goals & Strategies</u>	<u>Professional Development</u>	<u>Budget</u>	<u>Monitoring & Evaluation</u>
<p>All services listed on a Form 470 (to include services or items identified in conjunction with the state master contract) must be included in technology plan.</p> <p><i>Please list all items that you listed in your Form 470(s) that were used for the Form 471 submission process as of February 4, 2007. List like items or services only once but clearly delineate who is receiving the items or services. You may also list any future items or services that are part of technology planning that were not included in this E-Rate Funding Year's Form 470 [Process Year 10 (2007-2008)].</i></p>	<p><i>Clear goals and a realistic strategy for using the requested telecommunications and information technology to improve education or library services.</i></p> <p><u>An assessment of the telecommunications services, hardware, software, and other services that will be needed to improve education or library services.</u></p>	<p><i>A professional development strategy to ensure that staffs know how to use these new technologies to improve education or library services.</i></p>	<p><i>A sufficient budget to acquire and support the non-discounted elements of the plan: the hardware, software, professional development, and other services that will be needed to implement the strategy. THE BUDGET portion must CLEARLY state that your entity has estimated the amount of the NON-DISCOUNTED portion of E-Rate and have the budget to meet that expense. This section of the plan addendum concerns ancillary requirements necessary to actually make the requested E-Rate services work (e.g. computers, software, and professional development).</i></p> <p>SEE EXAMPLE BELOW</p>	<p><i>An evaluation process that enables the school or library to monitor progress toward the identified goals and make mid-course (i.e. mid-year), corrections in response to new developments and opportunities as they arise. If the process described in your current technology plan is very general, that description may not be sufficient to meet the expectations of the E-Rate program.</i></p>

E-RATE TECHNOLOGY BUDGET

E-Rate Year	2007
Name of Entity	Lee County School District
FCC RN	0011607330

Service or Function	Category	Quantity/or Capacity	Total Pre-discount amount	Expected Discount Rate (%)	System or School Funding Source(s) for Amount Responsible	Total Funding Commitment Requested	Total Amount for System or School Responsibility
Internal Connections			\$0	0%	District Capital & Operating Funds	\$0	\$475,000.00
Basic Maintenance on Internal Connections			\$0	0%	District Capital & Operating Funds	\$0	\$150,000.00
Internet Access WAN & Internet (Metro Ethernet)	WAN / Internet	97 facilities	\$1,758,908.64	66%	District Operating Funds	\$ 1,160,879.70	\$598,028.93
Telecommunications Local & Long Distance Services	Centrex & POTS Lines	2300 Lines	\$ 784613.04	66%	District Operating Funds	\$ 503,649.35	\$ 259,455.73
Telecommunications Cellular Voice / Data Services	Cellular	200+ Cellular accounts	\$230,750.76	66%	District Operating Funds	\$ 152,295.50	\$ 78,455.26
Resources to Make Effective Use of Services					System or School Funding Source(s)		
Staff Development (Not E-Rate Eligible)			n/a	n/a	District Operating Funds, EETT, Various Grants	n/a	\$1,738,418.00
Hardware/Software (Not E-Rate Eligible)			n/a	n/a	District Capital Funds	n/a	\$10,429,461.00
Tech Support (Not E-Rate Eligible)			n/a	n/a	District Capital & Operating Funds	n/a	\$2,518,860.00
						Total	Total
						\$1,983,669.15	\$ 16,254,991.63

