

# Long-Range Technology Plan 2007-2010

Seashore Middle Academy Charter School  
Corpus Christi, Texas

# Seashore Middle Academy Charter School

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## Long-Range Technology Plan 2007-2010

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Board Adopted TBD

## Technology Plan Committee

Special thanks go to these people for their active participation and contributions in the completion of this Technology Plan:

Barbara Beeler- Superintendent, Director  
Shannon Trial - Teacher  
John Sachetti - Teacher  
Spenser McIntyre - Student  
Al Stephens - Student  
Carl Tennison - Parent  
Colleen McIntyre - Parent  
Chelle Yarborough- Community Member

## Acknowledgements

Names of persons or groups contributing time, effort and resources toward completion of plan; financial support, leadership, technical expertise, review or editing of manuscript, and publisher of the finished document

# Table of Contents

Executive Summary .....	1
Purpose .....	
Background .....	
Parameters.....	
Vision Statement.....	
Mission Statement .....	
Demographics .....	
Needs Assessment .....	
Assessment Process .....	
Current Conditions.....	
Identified Needs .....	
Goals, Objectives, Strategies .....	
Teaching and Learning .....	
Educator Preparation and Development.....	
Administration and Support Services.....	
Infrastructure for Technology.....	
Budget.....	
Evaluation .....	
Appendices .....	
A Acceptable Use Policy for Students.....	
B Acceptable Use Policy for Staff Members.....	
C District Wide Area Network Design .....	
D Specifications for Publishing Web Pages on District Web Server .....	
E Computer Obsolescence Policy .....	

## Executive Summary

Seashore Middle Academy is a Twelfth Generation Charter School, awarded its charter in September of 2006 and opening to students in August 2007. The campus is currently under construction, and technology has been included in the planning and budgeting process for the new facility. Island Foundation, the sponsoring entity, also operates Seashore Learning Center, a first generation charter, opened in 1996. Sixth and seventh grade students currently attend SLC, but will move to the new campus. Anticipated first year enrollment in grades 6-8 is 60-80 students. It is possible that the fifth grade may also be housed on the new campus if we receive approval from the State Board of Education. This would increase enrollment in year one to as many as 100 students.

The new campus will use wireless technology and laptop computers to provide students with a one to one student computer ratio. Sixth and seventh grade students currently enjoy this same ratio. The design of the building provides wireless internet access in all classrooms and offices, adequate electrical to recharge batteries at night, secure storage of equipment, and potential for growth. We have worked with engineers and consulted with a parent who is a network architect for the US Government in the design of the facility.

Seashore Middle Academy and the Island Foundation Board recognize the need for technology instruction as a key component of an overall academic program. Students in today's world must have more than basic technology skills for success in college and the business arena. SMA will reinforce the basic skills taught at the elementary level; students will be proficient in keyboarding and basic software application. The SMA student will learn to responsibly use computers as tools for communication and productivity. There will not be a designated technology course at any grade level. Students will be required to use technology in all classes. Students with an interest in advanced computer skills will be given an opportunity to work with a mentor to complete individual projects.

### Technology Grade 6

An integrated sixth grade curriculum will foster the development of foundation skills for the purpose of effectively using technology for problem solving and communication in all academic areas. They will learn appropriate terminology, the use of input devices such as: mouse, keyboard, disk drive, modem, voice sound recorders, scanner, digital video, and CD-room. They will learn to save and delete files, use menus and commands, and work with multiple software application. They will also access remote peripherals on a network. They will learn the basics of programs with audio, video and graphics to problem solve. This will allow them to work on group projects in every classroom. They will communicate by publishing printed copy, Internet documents, video, and monitor displays.

### Technology Grade 7

All classes, including electives, will integrate all technology TEKS within the curriculums, in place of the state designated computer literacy course. This will allow students to reinforce and use skills to produce projects. They will develop a clear understanding of the use of technology as an everyday tool for productivity in all aspects of life. Foundations include: demonstrating knowledge and the appropriate use of hardware components,

software programs and their connections, complying with the laws and issues regarding the use of technology in our society, and acquiring electronic information in a variety of formats. Problem solving skills will require students to use appropriate computer-based productivity tools to create and modify solutions to problems, use research skills and electronic communication to create new knowledge, format digital information for appropriate and effective communication, deliver the product electronically in a variety of media, and use technology applications to facilitate evaluation of communication.

### **Technology Grade 8**

As in seventh grade, students will be expected to master basic skills of keyboarding and the use of word processing, spreadsheet, database, presentation software, and the Internet. The TEKS for grades 6-8 are the same, so students will be expected to achieve mastery by the end of the eighth grade. Students will be given an opportunity for independent projects. All classes will integrate technology TEKS within the curriculum, requiring students to use these skills to produce projects. They will develop a clear understanding of the use of technology as an everyday tool for productivity in all aspects of life. Eighth grade students will be required to do research projects using multi-media presentation software. Research in all classes will require proficient Internet skills. Student interest would determine additional technology courses for elective credit, which may include courses such as graphic design or individual projects.

### **Purpose**

Seashore Middle Academy has prepared this Long-Range Technology Plan to articulate a common vision for technology in the district and identify the strategies that will help us use advanced technology to improve the academic achievement, including technology literacy, of all students of rigorous curriculum standards and the development of critical thinking skills that are essential for academic and workplace success and build the capacity of all teachers to integrate technology effectively into curriculum and instruction.

### **Background**

This plan is based on information drawn from many sources including:

- A review of the literature to identify best practices
- A needs assessment for the new campus
- A survey of teachers.
- A survey of administrators
- Interviews with administrator and representatives from the Seashore Middle Academy community.

### **Parameters**

This Long-Range Technology Plan is driven by the state curriculum standards and supports the educational mission and instructional goals of Seashore Middle Academy and by the No Child Left Behind Act of 2001. Specific attention is given to addressing student standards for technology as defined by the Technology Applications Texas Essential Knowledge and Skills (TEKS), required in the Texas Education Code, Section 28.002. The Technology

Applications TEKS found in 19 TAC Chapter 126 describe what students should know and be able to do using technology. As a part of the enrichment curriculum, these TEKS are to be used as guidelines for providing instruction. The goal of the Technology Applications TEKS is for students to gain technology-based knowledge and skills and to apply them to all curriculum areas at all grade levels.

The plan stresses the importance of ongoing and sustained staff development in the integration of technology into the curriculum for teachers, principals, administrators, and school library media personnel to further the effective use of technology in the classroom or library media center. It also is consistent with the recommendations for LEAs as defined by the Texas Long-Range Plan for Technology in the areas of Teaching and Learning, Educator Preparation and Development, Administration and Support Services, and Infrastructure for Technology, as well as the e-rate applications guidelines, and other state standards, such as Technology Applications Standards for Beginning Teachers.

### Vision Statement (not required for e-Plan)

Seashore Middle Academy campus is designed to provide students with laptop computers in a wireless environment to simulate the conditions in the workplace. They will learn to use computers as productivity tools. Every classroom will integrate TEKS to provide mastery and efficient use of technology for learning. The school will not have a traditional library, but rather utilize on line resources accessible from home as well as the classroom. Classrooms will have projection systems for use by staff and students to present and share information.

- SMA programs will integrate skills and resources to learn and work with diverse sources of information technology to obtain information, communicate, and solve problems.
- SMA fine arts programs, clubs, and extra curricular activities will recognize and nurture the individual interests and abilities of students. Students will use appropriate software to produce art, music, desktop publishing, presentations and performances.
- SMA students will develop critical thinking skills through emphasized science and math curriculum with appropriate technology tools and software that translate to real world experiences.
- SMA students will develop a high level of mastery of academic and technological building blocks necessary for success in high school, college, and an ever-changing global society.
- SMA will recruit highly qualified staff that expects excellence from themselves and their students, and we will nurture their ability to use non-traditional teaching methods and technology to instill a passion for everyday learning.
- SMA will provide flexible scheduling and innovative methodology and technology to provide students a self directed, but highly supported, educational opportunity.
- SMA will provide students with an educational atmosphere that parallels the business and scientific work place of the 21<sup>st</sup> century.

- SMA’s planned facility will simulate the workplace by providing a professional environment. Students will be provided with technology that translates educational situations into real life experiences.
- SMA will provide laptop computers, wireless Internet, individualized instruction, and educational objectives tailored to the needs of the student. This will replace the traditional classroom and allow self-paced and self-directed learning under the supervision of highly qualified teachers.

**Mission Statement** (not required for e-Plan)

The Long Range Technology Plan exists to assist the members of our educational community to accomplish the mission of Seashore Middle Academy.

Seashore Middle Academy will provide a well-rounded, rigorous college preparatory curriculum enhanced by attention to the individual student, with strong parent and community involvement. Innovative educational programs will be a catalyst for the natural learner in every child to explore and surpass any traditional boundaries of learning. All programs will integrate skills and resources to learn and work with diverse sources of information technology to obtain information, communicate, and solve problems to prepare students for academic and workplace success.

**Demographics - Seashore Middle Academy did not operate prior to 2007**

<b>Data submitted on E-Rate Applications for 2004-2005</b>	
Total Student Enrollment	0
Percent Economically Disadvantaged	0
Number of Campuses	0

<b>Current Situation</b>	
Number of Campuses with Direct Connection to Internet	0
Percentage of Campuses with Direct Connection to Internet	0
Computer/Student Ratio (number of students for every computer)	0
Computer/Teacher Ratio (number of teachers for every computer)	0
Number of Classrooms with Direct Connection to Internet	0
Percentage of Classrooms with Direct Connection to Internet	0

## Needs Assessment

### Assessment Process

A comprehensive needs assessment utilizing teacher/student surveys, interviews, focus group sessions, inventories, help desk and server logs, and the Texas Campus STaR Chart was conducted to analyze the current status of technology in the district and determine future needs. Items analyzed included: infrastructure, hardware, software, programs, courses, student achievement, technology resources, staff development, and technical support.

### Current Conditions

#### Technology Resource

The following resources are provided:

Seashore Middle Academy is under construction and will open in August of 2007. The charter was awarded in September of 2006. No resources currently exist. The goals of this plan are to establish a strong infrastructure and access to computers in all curriculum areas.

#### Educator Preparation

Seashore Middle Academy is under construction and will open in August of 2007. The charter was awarded in September of 2006. Staff development will be a priority and we plan to include the following:

The following technology staff development is in place:

- All teachers are required to take a yearly survey to assess their technology skills
- All teachers must attend at least one technology training per year.
- Master teachers in the district will provide training to other teachers after school
- Other training is provided to the district through membership in the Title II, Part D Technology Coop

#### Leadership, Administration and Instructional Support

Seashore Middle Academy is under construction and will open in August of 2007. The charter was awarded in September of 2006. Due to an initial small enrollment, we will have the following staff.

- A part time district technology instructional support person
- A contracted computer technician.
- Technical support agreements are purchased with instructional software packages and new hardware purchases.
- Assistance from the ESC.

## Existing Technology

Seashore Middle Academy is under construction and will open in August of 2007. The charter was awarded in September of 2006.

Our goal is to have the following technology in place in August.

### Seashore Middle Academy

- Direct connection to the Internet via T1 leased line.
- Web server maintained by the students with middle school information and projects.
- Wireless technology available throughout the building.
- Fiber-backbone, Ethernet-to-the-desktop with one file server for classes.
- Networked Internet access
- One to one student/computer ratio
- One laptop or desktop for each teacher
- 90% of all continuing students will have mastered the Technology Applications TEKS
- Other Classroom Technologies: digital cameras, graphing calculators

## Identified Needs

Summarize the technology related needs and issues as identified in the teachers' and administrators' surveys, interviews, meetings, etc. For example,

- Equitable access to technology
- ongoing professional development
- more support for the integration of technology into the curriculum
- Technical support
- Effective and reliable firewall, email and spam system
- Teacher web sites
- Plan for and meet parental needs using technology tools (online access to grades, attendance, cafeteria accounts, web resources, and parental training on current technologies trends)

## Goals, Objectives/Strategies, Timeline, Person(s) Responsible, Evidence

**Goals** should be clear and specific, provide the overall vision of what the district would like to accomplish. Goals should align with the district improvement plan and support and advance student achievement in both core areas as well as technology literacy. Goals should be correlated to the curriculum (TEKS) addressing the four areas of the Long-Range Plan for Technology, 1996-2010. Goals should focus on results rather than efforts.

- 1) Teaching and Learning,
- 2) Educator Preparation and Development,
- 3) Administration and Support Services,
- 4) Infrastructure for Technology.

**Objectives** are specific, measurable statements of what is to be accomplished to meet the goals by the end of plan. Objectives must be correlated to NCLB and E-Rate. A budget amount must be allocated for each objective and that expenditure needs to be correlated to one of the four Long-Range Plan for Technology categories: 1) Teaching and Learning, 2) Educator Preparation and Development, 3) Administration and Support Services, or 4) Infrastructure for Technology

**Strategies** are the specific activities that will be conducted to achieve your objectives. All strategies must include a strategy statement, person(s) responsible, timeline, and evidence that will be used to measure success. Strategies must be correlated to the Texas Long-Range Plan for Technology Recommendations.

**Timeline** states the period of time in which you are to complete the plan or goals; states approximate date(s) for completion of each phase; states major events with the use of graphics (i.e. charts and calendars)

**Person(s) Responsible** states the person or group of people who will be responsible for ensuring that the strategy is implemented.

**Evidence** includes everything that will be used to demonstrate the success of the strategy. This includes both quantitative and qualitative data. Quantitative data might include “records of staff member participation in technology training monitored by sign-in sheets and teacher professional development records.” Qualitative data might include “integration of training into the classroom as measured by lesson plans and number and type of technology and distance learning projects.”

## Goals & Objectives:

Seashore Middle Academy developed goals and objectives based upon the recommendations defined by the Texas Long-Range Plan for Technology in the areas of Teaching and Learning, Educator Preparation and Development, Administration and Support Services, and Infrastructure for Technology.

### Teaching and Learning

Teaching & Learning focuses on the instructional needs of teachers and the learning needs of students in meeting the vision of technology in education.

Goals that will be addressed include:

- To improve the academic achievement, including technology literacy, of all students.
- To integrate technology (including software and electronically delivered learning materials) into curricula and instruction, and utilize a timeline for this integration.

## Educator Preparation and Development

Educator Preparation and Development addresses the staff development needs not only of teachers but of all the members of the professional education community.

Goals that will be addressed in this area include:

- To improve the capacity of all teachers to integrate technology effectively into curriculum and instruction.
- To provide training to identify and promote curricula and teaching strategies that integrate technology effectively into all curricula and instruction; Provide staff development opportunities that are targeted to the needs of students and teachers.
- To provide ongoing, sustained professional development for: teachers, principals, administrators, and school library media personnel to further the effective use of technology in the classroom and the library media center.

## Administration and Support Services

Administration and Support Services addresses the role of the technology leader to create a shared vision, encourage and sustain the appropriate integration of technology, use modern information technology tools to embrace accountability and hence use data for sound decision-making and continual assessment of effective technology for improving student learning.

Goals that will be addressed include:

- To provide supporting resources, such as services, software, other electronically delivered learning materials, and print resources, that will be acquired to ensure successful and effective uses of technology.
- To use technology effectively to promote parental involvement and increase communication with parents.
- To provide access to adult literacy programs delivered by the district or in collaboration with adult literacy service providers.

## Infrastructure for Technology

Infrastructure for Technology focuses on hardware, software, and human infrastructure (the capabilities or proficiencies of those who use the technical components). The infrastructure of a school is the critical element of support for all four areas of the Long-Range Plan for Technology. This hardware—and the connecting peripherals such as the network connections and the resulting communications capabilities—enable the system to function properly. The infrastructure provides the foundation for software applications, computer programs such as graphics or spreadsheets, and the TEKS content.

The primary goal in this area will be:

- To ensure that all students and teachers have increased access to technology.

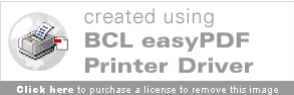
- To enforce a policy of Internet safety that includes measures to block or filter content for both minors and adults to certain visual depictions

<p><b>Goal #1 ~ Teaching and Learning</b>  <b>Objective 2.1:</b> To improve the academic achievement, including technology literacy, of all students.  <b>Budget amount:</b> \$110,000  <b>LRPT Category:</b> Teaching and Learning  <b>NCLB Correlates:</b> 01, 02,03,04a, 07  <b>E-Rate Correlates:</b> ER 01,04,05</p>			
Strategy	Timeline	Person(s) Responsible	Evidence
1. Increase time students have access to technology each day <b>LRPT Correlates: TL01,TL03,</b>	2007-2010	Campus Faculty	Increase in the number of assignments and products requiring technology skills
2. Work to achieve a 1:1 student to computer ratio <b>LRPT Correlates: TL09,I04</b>	2007-2010	Campus administration	Annual review of campus inventory
3. Provide appropriate technology for special needs and gifted students <b>LRPT Correlates: TL04, TL05, TL08</b>	2007-2008	Special Education and Administration	ARD committee will review IEP's for completion of this goal.
4. Complete and implement technology proficiencies for each grade level <b>LRPT Correlates: TL04</b>	2007-2010	Campus Faculty	Completed curriculum document
5. Develop a process for tracking student achievement <b>LRPT Correlates:TL07,</b>	2007-2010	Campus Faculty	Completed student assessments, TAKS

**Goal #1 ~ Teaching and Learning**  
**Objective 2.2:** To integrate technology (including software and electronically delivered learning materials) into curricula and instruction, and utilize a timeline for this integration.

**Budget amount: \$10,000**  
**LRPT Category:** Teaching and Learning  
**NCLB Correlates:** 01, 02,03,04a, 07  
**E-Rate Correlates:** ER 01,04,05

Strategy	Timeline	Person(s) Responsible	Evidence
1.Develop standards for software acquisition and on line courses <b>LRPT Correlates: TL13</b>	2007-2010	Campus Faculty and Administration	Standards completed, review annually
2. Integrate technology into curriculum where it naturally enhances instruction and educational opportunities. Incorporate technology TEKS in all areas. <b>LRPT Correlates:TL01,TL03,TL12</b>	2007-2010	Campus Faculty and Administration	Evidence in curriculum documents and student products
3. Provide high speed internet to all students and staff for research projects and information acquisition. <b>LRPT Correlates: TL10,</b>	2007-2008	Campus Tech specialist and Administration	Bandwidth usage report, teacher and student projects
4. Provide a variety of online library resources to students and teachers. <b>LRPT Correlates:TL11</b>	2007-2010	Campus Faculty and Administration	Assess usage of online resources
5. Investigate creating a repository of teacher lesson plans and student projects. <b>LRPT Correlates: TL16</b>	2007-2010	Campus Tech specialist, Campus Faculty, and Administration	Report on feasibility



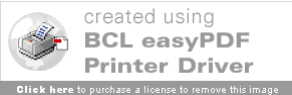
**Goal #2 ~ Educator Preparation and Development**  
**Objective 2.1:** To improve the capacity of all teachers to integrate technology effectively into curriculum and instruction. by hiring a teaching and support staff with strong technology skills and to provide staff development that enhances their skills in a way that allows for efficiency and innovation in the classroom.  
**Budget amount:** \$2000  
**LRPT Category:** Education Preparation and Development  
**NCLB Correlates:** 01,02,04a,04b,07  
**E-Rate Correlates:** ER 01,02,04,05

Strategy	Timeline	Person(s) Responsible	Evidence
1. Hire a teaching and support staff with technology skills as a major criteria. <b>LRPT Correlates: EP</b>	2007-2008	Administrator	Resumes
2. Conduct an assessment, using Star Chart, to determine staff levels of proficiency and training needs <b>LRPT Correlates: EP01</b>	2007-2008	Administrator	Star Chart
3. Develop and implement a long range professional development plan which incorporates and provides for technology training for all staff. <b>LRPT Correlates: EP01,03,07,06</b>	2007-2009	Campus Faculty, Technology specialist, Administrator	Written document
4. Develop technology competencies for all staff. <b>LRPT Correlates: EP05</b>	2007-2009	Technology specialist, Administrator	Written competencies
5. Provide curriculum documents that include technology resources <b>LRPT Correlates: EP09</b>	2007-2010	Campus Faculty, Technology specialist, Administrator	Written curriculum documents
6. Require technology documentation on lesson plans <b>LRPT Correlates: EP01</b>	2007-2010	Teaching staff, administrator	Teacher lesson plans

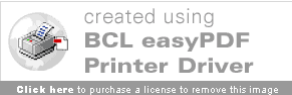
**Goal #2 ~ Educator Preparation and Development**  
**Objective 2.2:** To provide training to identify and promote curricula and teaching strategies that integrate technology effectively into all curricula and instruction; Provide staff development opportunities that are targeted to the needs of students and teachers.

**Budget amount:** \$3500  
**LRPT Category:** Educator Preparation and Development  
**NCLB Correlates:** 1,2,4a,4b 08,12  
**E-Rate Correlates:** ER 01,02,04,05

Strategy	Timeline	Person(s) Responsible	Evidence
1. Train teachers to utilize innovative strategies to use technology to enhance opportunities for special needs students.  <b>LRPT Correlates: EP01,EP03</b>	2007-2010	Special Education staff, Administrator	IEP, ARD minutes
2. Train teachers to utilize innovative strategies to use technology to enhance opportunities for gifted students.  <b>LRPT Correlates:EP01 EP03</b>	2007-2010	Campus Staff, Administrator	Lesson plans
3. Train teachers to innovative strategies to use technology to enhance opportunities for students in courses beyond the core curriculum. <b>LRPT Correlates:EP01 EP03</b>	2007-2010	Campus Staff, Administrator	Lesson plans



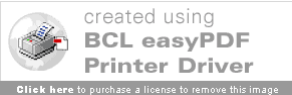
<p><b>Goal #2 ~ Educator Preparation and Development</b></p> <p><b>Objective 2.3:</b> To provide ongoing, sustained professional development for: teachers, principals, administrators, and staff to further the effective use of technology in the classroom and for administrative purposes.</p> <p><b>Budget amount:</b> \$2500  <b>LRPT Category:</b> Education Preparation and Development  <b>NCLB Correlates:</b> 01,02,04a,04b  <b>E-Rate Correlates:</b> ER 01,02,04,05</p>			
Strategy	Timeline	Person(s) Responsible	Evidence
<p>1. Provide staff development on record keeping software for local, state and national reporting purposes.</p> <p><b>LRPT Correlates: EP03</b></p>	2007-2010	Administrator	PEIMS reports, CSAS reports, Teacher attendance, grade, and planning records
<p>2. Provide on line courses in technology skills through the local ESC.</p> <p><b>LRPT Correlates:EP01</b></p>	2007-2010	Administrator	Documentation of course completion
<p>3. Provide a tracking system for staff development</p> <p><b>LRPT Correlates:EP05</b></p>	2007-2010	Administrator	Documentation of teacher training
<p>4. Provide staff development sessions throughout the school year and in the summer</p> <p><b>LRPT Correlates: EP01</b></p>	2007-2010	Technology specialist, Administrator	Documentation of staff development attendance



**Goal #3 ~ Administration and Support Services**  
**Objective:** To provide supporting resources, such as services, software, other electronically delivered learning materials, and print resources, that will be acquired to ensure successful and effective uses of technology.

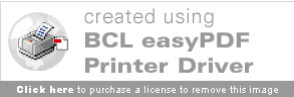
**Budget amount:** \$500  
**LRPT Category:** Administration and Support Services  
**NCLB Correlates:** 03,09  
**E-Rate Correlates:** ER 01

Strategy	Timeline	Person(s) Responsible	Evidence
1. Establish a campus technology committee that includes teachers, students, parents and community members. <b>LRPT Correlates:L13</b>	2007-2010	Administrator	Annual meetings
2. Update standards annually for software and hardware acquisition. <b>LRPT Correlates: L07</b>	2007-2010	Administrator, Tech specialist, Campus Tech committee.	Annual meetings
3. Create an obsolescence plan to assure appropriate resources <b>LRPT Correlates: L07</b>	2007-2010	Administrator, Tech specialist, Campus Tech committee.	Written document

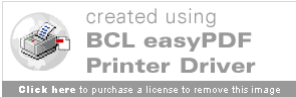


**Goal #3 ~ Administration and Support Services**  
**Objective:** To use technology effectively to promote parental involvement and increase communication with parents.  
**Budget:** \$2400  
**LRPT Category:** Administration and Support Services  
**NCLB Correlates:** 03,09  
**E-Rate Correlates:** ER01

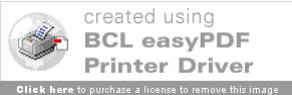
Strategy	Timeline	Person(s) Responsible	Evidence
1. Establish a website to provide information on school events and activities. Provide necessary forms, lunch menus, sports calendars, etc.  <b>LRPT Correlates: L13</b>	2007-2010	Administrator, Tech specialist	Website on line
2. Provide on line homework and assignment postings on Schoolnotes.com  <b>LRPT Correlates:L13</b>	2007-2010	Administrator, Campus Faculty	Operational Schoolnotes.com
3. Establish parents and student E-mail groups to quickly disseminate information  <b>LRPT Correlates:L13</b>	2007-2010	Administrator, Tech specialist	Established egroups
4. Provide parents with on line access to grades and attendance.  <b>LRPT Correlates:L11</b>	2007-2010	Administrator, Campus Faculty	Parental access



<p><b>Goal #3 ~ Administration and Support Services</b>  <b>Objective:</b> To provide access to adult literacy programs delivered by the district or in collaboration with adult literacy service providers.  <b>Budget amount:</b> \$100  <b>LRPT Category:</b> Administration and Support Services  <b>NCLB Correlates:</b> 03,09,10  <b>E-Rate Correlates:</b> ER01</p>			
Strategy	Timeline	Person(s) Responsible	Evidence
1. Publicize Island Foundation Community Programs.	2007-2010	Island Foundation staff	Class schedules available on line and in local paper
<b>LRPT Correlates: L09</b>			



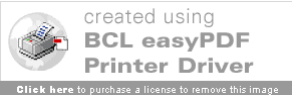
<p><b>Goal #4 ~ Infrastructure for Technology</b></p> <p><b>Objective 4.1:</b> To ensure that all students and teachers have increased access to technology:Design, install and maintain a technology and telecommunication infrastructure for communications and services that ensure equitable access</p> <p><b>Budget amount:</b> \$21,000  <b>LRPT Category:</b> Infrastructure for Technology  <b>NCLB Correlates:</b> 02,03,0506,08  <b>E-Rate Correlates:</b> ER03,04</p>			
Strategy	Timeline	Person(s) Responsible	Evidence
<p>1. Consult with network design specialist to provide an reliable and efficient network.</p> <p><b>LRPT Correlates: I01,</b></p>	2007-2008	Administrator	Campus wide network design
<p>2. Provide support personnel through a part time employee, independent contractors, and the ESC to maintain the network</p> <p><b>LRPT Correlates: I01,</b></p>	2007-2010	Administrator	Payroll/ consulting fees paid for support.
<p>3.Purchase, Install, and maintain a phone system</p> <p><b>LRPT Correlates: I01, I09,</b></p>	2007-2008	Administrator and vendor	Working phone system
<p>4 Participate in a high speed, high capacity state and world wide telecommunications network.</p> <p><b>LRPT Correlates:I06</b></p>	2007-2008	Administrator	Dependable on line connectivity
<p>5. Contract with ESC Region 2 to provide support services for technology.</p> <p><b>LRPT Correlates:I01</b></p>	2007-2008	Administrator	Signed agreements



**Goal #4 ~ Infrastructure for Technology**  
**Objective 4.2:** To enforce a policy of Internet safety that includes measures to block or filter content for both minors and adults to certain visual depictions

**Budget amount:** \$4,000  
**LRPT Category:** Infrastructure for Technology  
**NCLB Correlates:** 03,11  
**E-Rate Correlates:** ER03,04

Strategy	Timeline	Person(s) Responsible	Evidence
1. Require a board approved Acceptable Use Policy for both students and staff.  <b>LRPT Correlates: I09,TL14</b>	2007-2008	Administrator	Signed written document
2. Purchase spyware and virus software for the network and adopt policies on outside software to assure a secure network.  <b>LRPT Correlates:I09,TL14</b>	2007-2008	Administrator	Written document
3. Utilize ESC 2 network monitoring.  <b>LRPT Correlates:I09,TL14</b>	2007-2010	Administrator	Contract with ESC



**Budget**

**Technology Formula Funds:**

At least 25% of the NCLB Title II, Part D formula funds must be dedicated to Staff Development as reflected in the Budget Detail for the plan. If the plan covers more than one year, 25% of the funds for each year should be included. Since the amount will not be available for all years of the plan, just use the amount of the current year for future years.

Note: If your district REAPed 100% of the NCLB Title II, Part D funds, this 25% requirement does not apply.

Amount of Title II, Part D formula funds:           \$0          

Method of Application for the formula funds:

- Local Application
- Application via a Title II, Part D shared services arrangement or cooperative
- Reaped

Amount of Title II, Part D formula funds dedicated to Staff Development  
          0          

**Budget Details:**

The budget must include estimated costs with available and potential funding sources for all items addressed in the plan. If you have no costs associated with a category then enter 0 in the Cost column.

**Budget Detail - 2007-2008 (Year 1)**

Budget Item	Costs	Funding Sources with amount per source
Staff Development	\$3500	Charter school start up funds \$3,500
Telecommunications and Internet Access	\$2,500	Charter school start up funds and erate \$2,500
Materials and Supplies	\$5,000	Charter school start up funds \$5,000
Equipment (infrastructure and computers)	\$110,500	Charter school start up funds \$110,500
Maintenance	\$1,000	Charter school start up funds \$1,000
Miscellaneous Expenses		
<b>Total</b>	<b>\$122,500</b>	

Long-Range Technology Plan  
**Seashore Middle Academy Charter School**

**Budget Detail - 2008-2009 (Year 2)**

Budget Item	Costs	Funding Sources with amount per source
Staff Development	\$2,500	Start up funds \$2,500
Telecommunications and Internet Access	\$2,500	Start up funds and erate \$2,500
Materials and Supplies	\$1,000	Start up funds \$1,000
Equipment	\$10,000	Start up funds \$10,000
Maintenance	\$1,000	Start up funds \$1,000
Miscellaneous Expenses		
<b>Total</b>	<b>\$17,000</b>	<b>\$17,000</b>

**Budget Detail - 2009-2010 (Year 3)**

Budget Item	Costs	Funding Sources with amount per source
Staff Development	\$2,000	Start up funds \$2,000
Telecommunications and Internet Access	\$2,500	Start up funds and erate \$2,500
Materials and Supplies	\$1,000	Start up funds \$1,000
Equipment	\$10,000	Start up funds \$10,000
Maintenance	\$1,000	Start up funds \$1,000
Miscellaneous Expenses		
<b>Total</b>	<b>\$16,500</b>	<b>\$17,000</b>

**Total Expenditures for all years of the plan: 2007=2010**

The sum of the total amounts currently allocated in the Objectives for all years of this plan (shown below) must match the total Technology Expenditures included in the Budget for all years of the plan above.

Total amounts currently allocated in the Objectives for this plan for:	
Teaching and Learning:	\$120,000
Educator Preparation and Development	\$8000
Administration and Support	\$3000
Infrastructure for Technology	\$25,000
<b>Total</b>	<b>\$156,000</b>

## Evaluation

### **Evaluation Process:**

Evaluation of the Technology Plan will be a systematic ongoing process. All aspects of the Plan will be evaluated formally two times each year in November and May.

The Technology Plan Committee will be responsible for the ongoing evaluation of this plan. The intention of the evaluation will be to make decisions on the impact that technology has on the learning process for all students. A report will be given to the Superintendent and the Board of Trustees after each formal evaluation occurs.

### **Evaluation Methods:**

Describe the accountability methods and measures that will be used to evaluate the extent to which activities are effective in:

- Integrating technology into curriculum and instruction
  - Teacher lesson plans, student projects and products
- Increasing the ability of teachers to teach
  - Teacher evaluation tool will include teachers effectiveness with technology as an instructional tool and the effective integration of technology to teach the TEKS.
  - Student evaluations will reflect their mastery of technology.
- Enabling students to meet challenging state academic standards
  - TEKS scores will be disaggregated to determine student success.
- Acquiring and deploying technologies and telecommunication services
  - E rate , use of Charter School Start up funds- technology will be in place in every classroom.
- Meeting timelines for implementation
  - Reports to board, local and state audits

STaR Chart results for each campus will be used to help SEASHORE MIDDLE ACADEMY CHARTER SCHOOL assess its progress toward meeting the goals of the Long Range Plan for Technology.

Other methods used for evaluation will include:

- Surveys of the staff conducted twice yearly in regards to their use of technology in the classroom
- Informal interviews conducted once a semester by the campus Technology Plan Committee representative
- Records of staff member participation in technology training monitored by sign-in sheets and teacher professional development records.
- Integration of training into the classroom as measured by lesson plans and number and type of technology and distance learning projects.

- Monitoring and documentation of community access to technology resources and information on the campuses and on the web site.
- Monitoring and documentation of community involvement
- Yearly inventory of hardware and software
- Support and maintenance of technology as documented by technical support records

# Appendices

## Acceptable Use Policy

Guidelines for use of district technologies with a signature page to acknowledge compliance to the policy (Includes requirements by the Children’s Internet Protection Act.)

To qualify for E-Rate funding:

Districts must certify that they are enforcing a policy of Internet safety that includes measures to block or filter content for both minors and adults to certain visual depictions as required by The Children’s Internet Protection Act (CIPA).

The district must have provided reasonable public notice and have held at least one public hearing to address the proposed Internet Safety Policy. For schools, the policy must also include monitoring the online activities of minors (although schools are not required to track Internet use by any identifiable individual).

Internet Safety Policy. An Internet Safety Policy must address the following:

- access by minors to inappropriate matter on the Internet and World Wide Web;
- the safety and security of minors when using electronic mail, chat rooms, and other forms of direct electronic communications;
- unauthorized access, including so-called “hacking,” and other unlawful activities by minors online;
- unauthorized disclosure, use, and dissemination of personal information regarding minors; and
- measures designed to restrict minors’ access to materials harmful to minors.

Technology Protection Measure: A Technology Protection Measure is a specific technology that blocks or filters Internet access. It must protect against access by adults and minors to visual depictions that are obscene, child pornography, or — with respect to use of computers with Internet access by minors — harmful to minors. It may be disabled for adults engaged in bona fide research or other lawful purposes.

# Seashore Middle Academy

## Technology Acceptable Use Document

Seashore now has the ability to enhance the educational environment for our students by providing access to various forms of technology. Our goal is to provide access to electronic mail, up-to-the-minute news and current events, discussion groups, searchable resources such as university library catalogs, the Library of Congress, NASA, and museums. **It is impossible to control all materials and information that are provided on any worldwide network.** SLC/SMA, together with the Education Service Center, takes precautions to restrict access to objectionable materials, however no system is foolproof. Parents of minors are responsible for setting and conveying

the standards that their children follow when using media and information sources. SLC/SMA expects efficient, ethical and legal utilization; the consequences of misuse will be disciplinary action.

## Terms and Conditions

**Privilege:** The use of the school network is a privilege, not a right, and inappropriate use will result in the cancellation of that privilege, and it will be the student's responsibility to insure that any assignments are still completed if that privilege is revoked. Based upon the acceptable use guidelines outlined in this document, the school will deem what is inappropriate use and their decision is final.

**Acceptable Use:** The purpose of Internet access and other online services is to support educational objectives by providing resources for student research, collaboration, and instruction.

**Internet Etiquette:** The user is expected to follow these generally accepted rules:

- Be polite, do not write or send abusive messages to anyone.
- Use appropriate language – NO swearing, vulgarities, or other inappropriate language, including emoticons, smileys, graphics or abbreviations.
- No chat programs, such as MSN Messenger or Yahoo Messenger should be downloaded or used.
- No personal websites, such as myspace.com, are to be created or maintained without written consent, and are to be used for school-related projects with supervision and only as a "private" site, not available to the general public viewing.
- Do not reveal personal information such as full names, phone numbers, birth dates or addresses.
- All e-mail is randomly monitored and not guaranteed to be private. Messages relating or supporting illegal activities will be reported to an administrator and proper authorities.
- Do not use the network in a way that can disrupt its use by others.
- No downloading of unauthorized programs, shareware, graphics or files, as these could contain viruses.
- Student e-mail addresses should not be revealed to any person not related to home or school, nor should it be used for signing up for websites, as the potential for unsolicited e-mail increases and the school's protection could be bypassed.
- Network information should be assumed to be private property and subject to copyright laws.

**Unacceptable use activities constitute, but are not limited to, any activity through which any user:**

- Violates institutional or third party copyright, license agreements, or other contracts.
- Uses unauthorized and/or copied software. This is illegal.
- Interferes with or disrupts other users, services or equipment
- Seeks to gain unauthorized access to information resources
- Destroys, alters, dismantles, disfigures, prevents rightful access to or otherwise interferes with the integrity of computer based information resources
- Invades the privacy of individuals or entities
- Uses the network for commercial or political activity
- Uses the network to access inappropriate materials
- Uses the network for illegal, inappropriate, or obscene purposes
- Violates the security of the network
- Accessing the account of another student
- Engages in criminal mischief – a malicious attempt to harm or destroy equipment or the data of another user.

**Damage to Computer:** A student who damages the computer through abuse or neglect will be liable for up to \$100 in repair charges.

**Contract Agreement  
For  
Technology Acceptable Use**

**Directions:** Please read the Technology Acceptable Use policy and sign the appropriate sections of the following contract. Return this to your Advisory teacher.

Student name: \_\_\_\_\_

Please print

**Student portion:** I have read the Technology Acceptable Use policy. I understand and will abide by the terms and conditions. I understand that a violation will result in the loss of the privilege to access the network. School disciplinary action or appropriate legal action will be taken. This portion will be signed in the presence of a teacher.

\_\_\_\_\_  
Student signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
Teacher's signature

**Parent or Guardian:** I have read the terms and conditions of the Technology Acceptable Use policy. I understand that this access is designated for educational purposes. I understand the school is taking steps to avoid inappropriate material, and I understand that the school cannot guarantee that students will not come across objectionable material. I will not hold the school responsible for material acquired on the Internet.

\_\_\_\_\_ I give my permission for the school to allow my student access to the Internet and email

\_\_\_\_\_ I do not want my child to be on the Internet.

\_\_\_\_\_  
Parent Signature

\_\_\_\_\_  
Date

SEASHORE MIDDLE ACADEMY

EMPLOYEE AGREEMENT FOR THE ACCEPTABLE USE  
OF THE ELECTRONIC COMMUNICATIONS SYSTEM

You are being given access to the Seashore Middle Academy electronic communications system. Through this system you will be able to communicate with other schools, colleges, organizations, and people around the world through the Internet and other electronic information systems/networks. This access is a privilege, not a right.

With this opportunity comes responsibility. It is important that you read the policy and agreement form and ask questions if you need help in understanding them. Inappropriate system use will result in the loss of the privilege of using this educational and administrative tool.

Please note that the Internet is a network of many types of communication and information networks. It is possible that you may run across some material you might find objectionable. While Seashore Middle Academy will take reasonable steps to restrict access to such material, it is not possible to prevent such access completely. *It will be your responsibility to follow rules for appropriate use.*

GUIDELINES FOR APPROPRIATE USE:

Your account is to be used mainly for educational, instructional, and administrative purposes, but some limited personal use is permitted. Limited personal use of the system is permitted if the use:

1. Imposes no tangible cost to Seashore Middle Academy;
2. Does not unduly burden Seashore Middle Academy computer or network resources;
3. Does not interfere with the prompt and efficient performance of an employee's job responsibilities;
4. Assures that students completing required course work on the system will have first priority for use of Seashore Middle Academy equipment during and outside school hours;
5. Is consistent with this policy and any Seashore Middle Academy guidelines and regulations governing appropriate use of the system;
6. Is not used for commercial for profit purposes or political purposes.

You will be held responsible at all times for the proper use of your account and SEASHORE MIDDLE ACADEMY may suspend or revoke your access if you violate the rules.

Security and/or technical problems in the system must be communicated to the system administrator immediately.

All electronic communications from you as a Seashore Middle Academy employee to community members, students, parents, and other colleagues should represent the highest standard of quality, professionalism, and good judgment. Seashore Middle Academy expects efficient, ethical, professional, and legal utilization of the network.

INAPPROPRIATE USE:

- Using the system for any illegal, commercial, or political purposes, or utilizing the system for personal profit
- Borrowing someone's account without permission, or sending messages out from someone else's email.
- Downloading or using copyrighted information without permission from the copyright holder or installing or downloading software without permission.
- Posting or transmitting messages or graphics, or accessing materials that are abusive, obscene, sexually oriented, threatening, harassing, damaging to another's reputation, or illegal.
- Wasting school resources through improper use to the computer system such as excessive printing for personal use, sending or forwarding mass mailing, no school related group email, Internet hoaxes, chain emails, business solicitations, advertisements, or similar materials.
- Posting or transmitting personal, confidential information about a student or employee without administrative approval.
- Knowingly bringing prohibited material into the school's electronic environment.
- Gaining unauthorized access to restricted information or resources.

CONSEQUENCES FOR INAPPROPRIATE USE:

- Suspension of access to the system;
- Revocation of the computer system account; or
- Other disciplinary action or legal action, in accordance with the Seashore Middle Academy policies and applicable laws.

EMPLOYEE AGREEMENT FOR ACCEPTABLE USE OF THE  
ELECTRONIC COMMUNICATION SYSTEM

I understand that my computer use is not private and that Seashore Middle Academy will monitor my activity on the computer system.

I have read the Seashore Middle Academy electronic communication system policy and agree to abide by their provisions. In consideration for the privilege of using the Seashore Middle Academy electronic communications system and in consideration for having access to the public networks, I hereby release Seashore Middle Academy, its operators, and any institutions with which they are affiliated from any and all claims and damages of any nature arising from my use of, or inability to use, the system., including without limitations, the type of damages identified in the Seashore Middle Academy policy and administrative regulation.

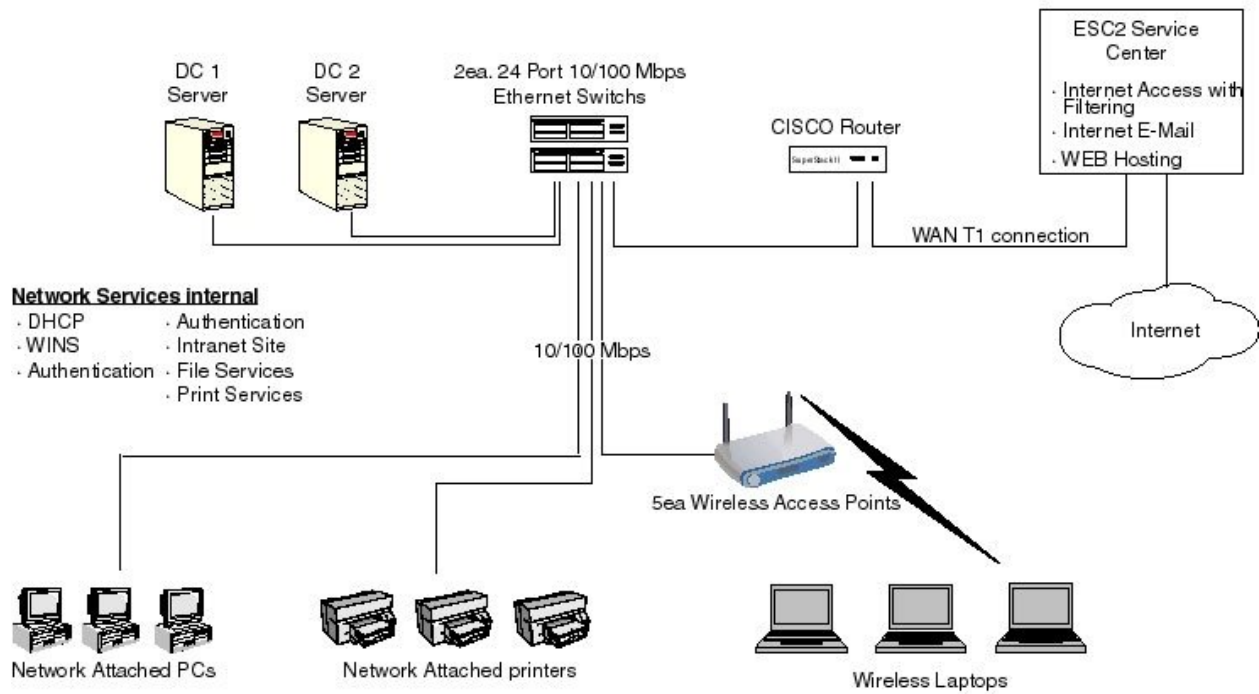
Printed Name \_\_\_\_\_

Signature \_\_\_\_\_

Position/Title \_\_\_\_\_

Date: \_\_\_\_\_

Network Diagram for Seashore Middle Academy



DC Server 1 provide Primary Authentication/Network services as well as File and Print Services.  
DC Server 2 provides Redundant Authentication/Network services as well as a Disaster recovery point for Server 1.  
5ea. Wireless Access Points, IEEE 802.11a/g radios positioned for maximum coverage within the building.  
2ea. 124 port, 10/100 Mbps switches provide distribution for wired ethernet throughout the building.  
1ea. CISCO Router with CSU/DSU WIC module provides T1 connection to ESC for Internet, e-mail and WEB content filtering.

Seashore Middle Academy Web Site Guidelines

1. SMA will designate one trained person that will upload web pages.
2. Web pages posted on the Internet must first have the Director's approval
3. All web pages must include a navigational button or hypertext link back to the Island Foundation homepage
4. Pictures and other files will be limited to 60K or less. Any request to exceed this limit must include a written explanation to the director.
5. File Transfer Protocol (FTP) accounts may be set up to allow transfer of files to the campus servers. Requests for FTP accounts must go to the Director.
6. Web pages must be updated every six months.
7. Commercial advertising will not be allowed on any campus web page.
8. Web pages will not contain any personally identifiable information including student pictures and/or full names without a signed release form from the student's parent or legal guardian. The campus director or designee will be responsible for obtaining a signed release form prior to uploading the web page.
9. The Director will be responsible for monitoring signed release forms. Any web page found without the appropriate release will be deleted and disciplinary action will be taken.
10. Students will not be allowed to upload information to the Campus's communication system.
11. Web page development will be allowed by students as part of an instructional program or promotion of campus activities. In this case, a teacher will supervise the development.
12. District employees will be allowed to develop personal web pages on the Internet for the purpose of sharing information with the school and community. Personal web pages will not be used for promoting commercial business. Personal web pages will be forwarded to the Director for approval.

All technology equipment will be purchased in the 2007-2008 school year to open the new campus.

Extended warranties will be purchased for computers, available for three years. We are budgeting \$10,000 a year in years two and three to buy or replace computers for increased enrollment. We will budget to replace 1/6 of the computers each year, starting with year four budget. Infrastructure will be replaced as needed.