Cumberland School Department

Technology Plan

July 1, 2016 – June 30, 2019

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Introduction

Cumberland has strived to adopt and incorporate new technologies into its classrooms and throughout the district. Although finances and resources are an ongoing challenge, we continue to have a clear focus on our future. This plan is a guideline for the effective and appropriate use of technology for all of the schools in Cumberland and our staff.

A VISION FOR EDUCATION IN CUMBERLAND

The vision of the Cumberland School Department is to support the educational development of the whole child through proven strategies and a guaranteed and viable curriculum. As a result, students are aware of their global community, are active civic participants and achieve proficiencies that allow them to make valuable life choices. Through high expectations and best practice, students are led by teachers, administrators and staff dedicated to academic excellence. We envision a learning community established and supported through collaboration among students, families, educators, and the community.

WE BELIEVE THAT:

- All people have inherent worth.
- Everyone is capable of learning.
- Learning is a lifelong process.
- One must change to grow.
- The ability to apply knowledge empowers all people.
- Challenge encourages people to recognize and improve their abilities and skills.
- Education is a shared responsibility of the student, school, home, and community.
- Schools share the responsibility to prepare children to be productive citizens, collaborative workers, and community contributors.
- Learning happens best in a safe, positive, and engaging environment.
- Excellence is worth the investment.

Technology Department

Michael Chandler	Director of Information Technology
Phil Sawyer	IT Manager (Deputy Director of IT)
Jessica Araujo	Network Manager
Marguerite Savickas	Data Manager
Jamie O'Brien	District Support Technician
Paula MacMillin	Instructional Technology Coach (ITC)
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Technology Mission

The Cumberland School Department will prepare all students to become responsible, contributing members of a complex global society through a partnership with home and community. We believe that in order to prepare our students to succeed in an ever-changing world of technology, we must create an environment that is matched to our students' educational needs, support for curriculum, and excel in the use of technology.

Overview of Technology Goals

Action Planning:

- Students will have access to computers and other technology components and devices throughout the district to allow them to use productivity applications for research, reports and other course work.
- Additional student progress monitoring software made available throughout the district schools.
- Integration of Follett's Aspen Student Information System with our current Nutrikids Point of Sale will track the free and reduced students for RIDE reporting and reimbursement.
- Exploration of options for a modified one to one program starting in the Elementary and Middle Schools for pilot areas.
- During the FY18 budget the district will be requesting staffing in the IT Department to include a part time secretary as well as assistance for the High School Student Support Center.
- The media centers at all school locations will move toward the 21st century model structure.

Professional Development:

- Teachers will be offered training on the software packages that students will use and that they will monitor.
- Teachers will be offered training on the software productivity packages purchased for them by the district to improve their parental communication and paper work flow.
- Library Media Specialist training for classroom integration
- Media Specialists use Library Automation systems for checking out books and teach the students the proper procedure for their instructional program as well as an expansion into STEM programming.

Communication:

- The Information Technology Department will use email, Google Docs and Aspen to deliver messages to teachers, staff and administrators for improving communications and disseminating information.
- Develop and update technology policies and procedures on a regular basis.

Resources:

- Teachers and students will have access to software and hardware based on curriculum needs.
- Expansion of our Aspen Student Information System for Rti, Special Education, Ed Plans, and teacher websites
- Equipment upgrades through a planned replacement cycle
- Enhancements and modifications to the Personnel Management System.

Technology Goals

1. Communication

Expansion of technology for communication and collaboration among staff, students and the community.

Communication Action Plan
We will:

1. Provide continued support and expansion for the School Messenger notification system
2. Provide continued support and expansion for Google Apps for Education
3. Provide continuous improvements to our district website Content Management Server (CMS)
4. Provide Group Collaboration through Google Apps EDU
5. Expand our current VoIP Phone System
6. Expand our two way radio system
7. VoIP IP Centrix Phone System district wide

1. Action Steps – School Messenger notification system

Provide and support automated data interface from the Follett Aspen SIS
Provide continued support to existing users:

- Provide district emergency and community outreach use
- Provide elementary, middle and high school principals for parent, student and staff notification
- Provide high school principal and staff for automated daily attendance and tardy reminders
- Provide middle schools staff for automated daily attendance
- Expand utilization to the elementary schools for automated daily attendance
- Expand use of other components for the district news letter
- Provide Professional Development sessions for new users and expanded components
- District and school based Listserv through School Messenger

2. Action Steps – Google Apps for Education

Maintain and customize to the needs of the Cumberland School Department

- Develop workflow forms with automation
- Collaboration conferencing
- Maintain Anonymous Student Incident Tracking System
- Automate student and teacher collaboration and workflow
- Maintain workflow to support helpdesk functions and requests

- Provide continued support to existing users, school committee members, district administrators and staff
- Complete expansion and migration of email accounts for middle and high school students
- Provide elementary and middle school administrators and staff training
- Expand utilization to facilitate Proficiency Based Graduation Requirements (PBGR)
- Provide PD sessions for new users and expanded PD for advanced users
- Maintain and monitor Gaggle for our Google Archiving Service
- Ensure regulatory compliance for the storage and retrieval of electronic content

2. Data Management

Provide data, information and reporting to the state, staff and parents to improve student achievement and support assessment.

Data Management Action Plan
We Will:

1. Provide support and expansion of Aspen Student Information System
2. Provide and support data accuracy, download and upload for Rhode Island Department of Education State and Federal Reporting
3. Provide continued support to all data management systems
4. Integrate Special Education into the data management system

1. Action Steps – Aspen Student Information System

Continue to provide support to users:

- Provide ongoing user support via phone and site-based technical support
- Assist with student scheduling, attendance, grade reporting, report card process and printing
- Provide integration and continued support with student assessment
- Creation of electronic 504 Plan, online 504 data entry, reporting, accounts, security and training for principals, classroom teachers, and special educators.
- Creation of forms and workflows in Aspen to have additional data followed with the students

2. Action Steps – State and Federal Reporting

Support state and federal data reporting requirements

- Complete all eRIDE, RIDEMap and PARCC Readiness Data Reporting Requirements
  - provide instruction to the schools for data accuracy
  - extract, massage and upload data to meet reporting schedules
- Complete all Federal Civil Rights Data Reporting Requirements
  - provide instruction to the schools for data accuracy

- extract, massage and upload data to meet reporting schedules

3. Action Steps – Library Media Support

Support of school library transition to Follett Destiny, provide data interface from Aspen:

- Maintain current Follett Destiny System that is now online district wide
- Upgrade computer configuration models in each library
- New STEM curriculum from The Boston Museum of Science

4. Actions Steps – Transportation System

Provide data interface from SIS to Versa Tran transportation system through Durham

5. Actions Steps – Financial/Human Resource System

Support the Budget Sense/Unifund Financial/Human Resource system in the following areas:

- Data integrity (Uniform Chart of Accounts)
- Security
- Maintenance
- Integration of data with AESOP attendance system
- Development of statistical and trending reports
- Development of external databases and/or spreadsheets
- Training for expanded personnel

6. Actions Steps – Positive Behavioral Interventions and Supports Data (PBIS)

- Maintain information from data teams
- Integration and migration with Aspen from SWIS to bring all data into one system
- Expansion of Check in Check out data

3. Teaching and Learning

The Cumberland School Department supports teaching and learning by providing a full-service Technology Department. This department consists of a Director of Technology, a Network Manager, Data Manager, and one District Support Technician. The district is planning to have a resource at each building, which is responsible for supporting technology-related issues. Every school building representative would be part of our district Technology Committee, which meets throughout the year.

The Cumberland School Department will support teaching and learning by encouraging the effective use of a variety of technologies as tools for:

- collecting and disaggregating data to be used for curriculum and teaching strategy decisions
- actively engaging learners using remote response systems, Interactive Projectors, podcasts, DiscoveryEd, etc.
- providing remediation and enrichment activities
- researching best practices, lesson plans, standards and benchmarks online
- communicating locally and globally using podcasts, video casts, Skype, blogs, wikis, & chats

Teaching and Learning Action Plan
We Will:

Continue to implement and support the integration and use of technology to support teaching, learning and assessment.

Action Steps	**Impact**
Continue to support the Internet Safety Program	• Assist the Library Media Specialists and parents to integrate the program. Research Federal requirements for teaching Internet Safety K-12
Implement assessment of technology literacy for all 8th grade students	• Middle school Tech ED teachers to attend the PD session • Administer the tech literacy assessment to administrators, teachers and library media specialists • Evaluation: Review reports/results
Research instructional software to support, supplement, remediate instruction and assessment	• Curriculum Committee and Technology departments collaborate to view, evaluate and recommend programs.
Purchase and Deploy new presentation devices for Classrooms	• Modern, efficient presentation medium for elementary classrooms

Tech Capital Expense – On a Cycle	• Long-term fiscally responsible solution to maintain technology assets in District
District PD Support Financial	• Professional development budget created to advance instructional practice and student achievement

4. Emerging Technologies

Advance innovative technologies to enhance instruction, improve student achievement, support assessment and expand efficiency.

Emerging Technologies Action Plan

We Will:

1. Expand and improve the district Network.
2. Provide continued support, expansion and research for current technology resources.

Evaluation:

Review current status as needed of each action step by the Informational and Instructional Technology department

Action Steps - Network Infrastructure

- Continue to expand HP SAN storage platform
- Create storage groups for all users (students, faculty, staff)
- Enhance data backups with DR planning
  - Maintain a second data center in the district for offsite backup and data redundancy
- Expand video security system to secondary schools
- Manage copier multifunction device solution
- Change default printing fonts for basic printing to reduce toner costs
- Expand options for Google Cloud Printing

Action Steps - Expand and maintain high quality end user support and maintenance cycles for:

- Replacement / refresh cycle
- Inventory Maintenance; include software licenses and upgrades concurrent with curriculum needs
- Creation and maintenance of digital maps for schools that feeds directly into inventory
- Providing IT staff training on current technology
- Maintain our 1:1 Chromebook program from grades 6-12

NETWORK RECOMMENDATIONS/IMPROVEMENTS

This Technology Plan will be implemented with integrated district and school based delivery priorities. The first priority will be to continue to adapt basic core technology common to all buildings. The second priority will be to continue to generate school based delivery options to allow each school to address the unique physical structure limitations as well as address the needs of students and staff at each building.

Network Improvements:

Continue support for the implemented VMware and Microsoft Hyper V Environment Solutions.

- Virtualization provides consolidation and high availability of critical services and servers.
- Reduce power and cooling costs by reducing the physical number of servers with fewer, more powerful energy efficient systems.
- Provides reduced hardware maintenance costs.

Continue support and expansion of HP Fiber SAN Storage (2)

- Expansion plan and replacement cycle of existing equipment
- Research implementation for the HP Left Hand SAN data solution at our second offsite data center

Computers and Peripherals:

Since July 2006, the Information Technology Department has been purchasing new computers and peripherals from the State Master Price Agreement through the State of Rhode Island. The current standard classroom computer configuration consists of an HP desktop, computer with minimum of a dual core processor, Ethernet connectivity; minimum 4GB RAM a 17-inch flat panel monitor, and Windows 7/10 operating system. All computers are purchased with a 3-year, next day parts only agreement. The HP purchases have proven both cost effective and reliable.

Computers at the secondary level are a combination of NComputing stations and HP desktops and Chromebooks. The selection will be determined by the software applications needed for various courses.

Administration and clerical staff throughout the district have HP/ Dell computers or HP laptops. During the upcoming budget of 2017-2018, the IT Department will replace all administration laptops.

It is the district's intention to continue to decrease the number of students per computer to meet our modified one to one goal. Now that the PARCC assessments will be online, as well as every other assessment, the district must invest further in technology.

Staff members of the Cumberland School Department who utilize the district network and computers have an e-mail address. The Cumberland School Department utilizes Google Apps for Education and Gaggle for email archiving along with Google Vault. It is the continued intention of the Technology Department and administration to improve communication by the utilization of e-mail, Google Groups and the district website.

The Cumberland School Department hosts our own Web Server and will be planning on a migration to a new more robust system. The Cumberland School Department's web site is hosted in district on a virtualized server. All of the schools have individual web pages linked to this home page. It is the

recommendation of the Director of Information Technology to explore further development for improved design and training to each department and school to support and update their own pages.

The Cumberland School Department utilizes a Sophos anti-virus throughout the administration and individual site domains to protect all networked computers from viruses and spyware.

The Cumberland School Department utilizes Cox Communications for its WAN and Internet connectivity. RITEAF provides us with a 1GB connection to the High School and 500MB to each middle school, 100MB to each elementary school this is for internal connections. Our current internet bandwidth is 1GB with a plan to increase if needed over the next few years for the elementary schools. We now provide web filtering from Cox Communications and Content Keeper to help the Cumberland School Department maintain CIPA compliance. Cox Communications provides us with the tools needed for network connection monitoring.

Technology Baseline Standards:
Secondary Level Classroom/Lab Computers- minimum requirements:
Purchase computers and/or Acer Chromebooks (will update specifications to reflect need as technology changes):

Desktop Computers

- 17 inch flat panel monitor
- Desktop Computer
- 4GB RAM minimum
- 80 – 160GB Hard Drive
- Windows 7 / Windows 10
- Sophos
- Network Printer Access
- Ethernet connectivity

Acer Chromebook

- Model C740
- MaxCases Extreme Snap-Shell

Labs should be equipped with the necessary number of computers for a full section and the following additional components:

- Network Laser Printer
- Scanner with OCR Software
- Access to a Digital Camera
- Devices to aid students with disabilities using computers, as needed
- Presentation devices to project computer image screens
- Appropriate electrical power to accommodate equipment

Additional Computer Facilities within a School (Elementary and Secondary):
In addition to the classroom computers and labs, computer workstations are located in the main office principal's office, guidance offices and special services locations at each of the schools. Also, computers and a network printer is located in the Library Media Centers at each school.

Technology Infrastructure Internal and External Connections:
The Cumberland School Department WAN infrastructure consists of Cisco Routers located at each location routed back to the OSHEAN core. OSHEAN supplies 80MB of internet bandwidth to the Cumberland School Department. The internet bandwidth requested for the fiscal year beginning July 1, 2014, will increase to 120MB. The Elementary Schools are using COX lines equivalent to 25MB up from the 3MB & 5MB in 2009-2010 & 2011 school years. The Secondary Schools are supplied with 100 MB also supplied by COX with a request for 200 MB for the 2013-2014 year.

Current External Connections:

- Ashton, BF Norton, Community, Cumberland Hill and Garvin Elementary Schools
  100MB up from 3 MB
- North Cumberland Middle School & McCourt Middle School
  100 MB up from 10MB
- Cumberland High School
  1GB MB up from 80MB

Technology Support and Maintenance:
The Cumberland School Department is home to approximately 2,500 computers ranging in age from new to 10 years old. The academic and administrative computers are maintained by the IT Department.

The Technology Department is made up of the following:

- Director of Information Technology (1.0 FTE)
- Deputy Director of Information Technology (1.0 FTE)
- Network Manager (1.0 FTE)
- Data Manager (1.0 FTE)
- District Support Technician (1.0 FTE)
- (4) Instructional Technology Coaches (Teachers Union/Teachers Schedule plus 20 days)

Information Management Service Functions have traditionally been shared between the Technology Department and the Business Office. As obsolete business systems are replaced, more responsibility is shifting from the Business Office to the Technology Department, which increases staff support demands. The Technology Department is responsible for the business and financial systems and the student information system with the exception of staff attendance. As more information management functions are upgraded or automated, support demands and response times will increase.

The Technology Department is responsible for overseeing the following Communications and Network Infrastructure Service Functions: Network Management, Voice/Video/Data Infrastructure, Internet Access and Security, Network Security, Electronic Communication (e-mail, fax, etc.), Phone System, Website Management, Campus Controlled Lighting, Video Security and Staff Development related to those functions.

The Technology Department is responsible for the following Operations, Maintenance and Support Services Functions: Hardware Maintenance, Help Desk Services, Technical Standards and Procurement, Installation and Contract Management, Fixed Assets Management/Capital Inventory and Management, End-User Relations and Management, Research and Planning.

Repairs:
The IT Department visits the elementary schools twice a week on a rotation or when needed. The main priorities are at the secondary schools as well as the administrative and business offices.

Work Order Request forms are available via an internal server running Spiceworks. The request forms are addressed by the department, priority and school. Completing the automated form, staff complete the task and close the ticket providing information of what was done and how long it took to complete. These tickets are monitored by the IT Director.

Phone calls for immediate priority assistance are by the recipient of the call or forwarded to another in the department based on need. All call requests are setup to forward from voice mail to the email system to district assigned smart phones.

Laptop maintenance and upgrades are scheduled during the summer or vacations by the Network Manager and District Support Technician.

Software:
Software purchases and licensing are the responsibility of the Information Technology Department. Installations of newly purchased software or upgrades are performed by the IT Department staff only.

Network Infrastructure:
The network infrastructure is monitored by the Network Manager and/or the Director of Technology; repairs are performed by either the Information Technology staff or by the outside vendors responsible for the Cumberland School Department (Cox Communications)

Future Plans and Projections

Elementary School Classroom:
The NComputing solution will compliment Chromebooks in all elementary classrooms. The district is working toward a Chromebook cart for every other classroom. This initiative will provide a split grouping of devices to expand the use of the blended learning model.

Middle Schools:
Classroom:
The goal of the district is to continue the Google Chromebook 1:1 model at both middle schools.
Computer Labs:
The middle school model includes a Keyboarding/Digital Tools lab used for the delivery of curriculum instruction.

During the 2011-2012 summer two new labs were constructed to accommodate 25 – 30 students in both middle school locations for the Project Lead the Way Stem Curriculum. They were constructed so all screens are viewable by the teacher and a separate work area created for the “build area” for the curriculum. These labs also use classroom control software to assist students with work and control unnecessary use of the internet.

Accommodations for students with disabilities were considered. Adaptive technology solutions were installed on computer workstations to accommodate the individual needs of some students.

High School:
The high school model design includes subject specific computer labs, a general purpose computer lab, and multiple workstations in the library media center. A teacher workstation will be available for every classroom as well as all teachers having a Chromebook.

The 2015-2016 school year started the next phase of Google Chromebooks 1:1 program for the high school students.

Classroom:
Teacher and student workstations will connect to the network for sharing software, resources, data exchange capabilities, and accessing information stored in the library media center. The workstations are to be used to present whole class instruction, illustrate ideas and concepts, manage and organize information.

Computer Labs:
The high school model incorporates the use of subject-specific computer application labs in the subject areas of Technology Education, Business Education, CAD, Foreign Language Testing, Music/Midi and Library.

Accommodations for students with disabilities needed to be considered. Adaptive technologies have been provided for students that have been identified with this need. This is reviewed with collaboration from the Special Education Department and outside vendors.

Library Media Center:
The library media center will support networked automated circulation and catalog functions as well as provide access to full-text database sources via the web. All schools use Follett Destiny for Library automation. In addition, multiple computer workstations accessible by students and teachers are provided to access the catalog and the Internet.

Administrative Management

Student Information System:
The Cumberland School Department continued to utilize SchoolMax as its Student Information System until the end of the 2009-2010 school years. It has since moved to Aspen in the 2010-2011 school years. Aspen provides real-time, web-client student information management for administrators, clerical staff, and counselors. The system assists the district in state and federal reporting and in meeting educational standards set by the No Child Left Behind Act.

Other features of Aspen include:

- Electronic student attendance, teacher grade books and on-line grade reporting
- Electronic IEP's and special education reporting
- Health record management
- Parent access to monitor their children's progress
- Customizable screens and reporting for individual districts
- Curriculum and Learning Capabilities

District Administrative and Management Goals:

1. Continue to expand the use of technology to improve communication within and among all school buildings, staff and central office administrators.
2. Expand access of the student information system to access classroom data entry of attendance, grade book and grades.
3. Expand the current student information modules to include Special Education IEP and Case Management, Health Record Module, Parental Internet Access.
4. Expand the record keeping capabilities of special needs data.
5. Use technology to enhance all record keeping.
6. Ensure that all school buildings and administrative offices will have the capacity to acquire information and perform document processing applications i.e.: forms management, database creation, spreadsheet creation, on-line communication.
7. Use technology to coordinate the distribution and sharing of all educational resources among all buildings and district personnel i.e. student data, educational research, curriculum resources.
8. Use technology to facilitate systematic assessment of curriculum, instruction and learner achievement
9. All Cumberland attendance, entry, withdrawal, discipline action, discipline infraction, grading, and calendars coordinated in the Aspen system and AESOP System.
10. Provide staff with different levels of PD for Aspen, Google Apps and other applications
11. Provide parent and community training on the Aspen Student Information System
12. Provide parent and staff expanded training on Internet Safety

Conclusion:

Technology promotes cooperative learning, active participation, project based learning and exploratory learning. Students need to use technology to be independent learners and create their own knowledge. They will use software to organize their work, browse the web to produce presentations that incorporate video, sound and graphics. Students engage in peer writing and editing using technology. Collaboration is possible without leaving the classroom through the use of technology.

The technology plan in the Cumberland School Department is an ongoing commitment to our students, staff and administrators. With this plan focus on the use of technology will enhance teaching and learning in Cumberland and contribute to the improvement of student achievement.

Resources

Rhode Island Department of Education (RIDE)
http://www.ride.ri.gov
Rhode Island Department of Education- Technology Infrastructure Bond
http://www.ride.ri.gov/RIDE/Docs/techbond/Default.aspx
Rhode Island Department of Education- All Inclusive Device Solution
http://www.ride.ri.gov/OMP/VL/TechOps/All_Inclusive/All_Inclusive.aspx
Technology Standards for School Administrators
http://osx.latech.edu/tssa
Guide to Developing the Technology Plan Schools and Libraries Division
http://www.sl.universalservice.org/apply/step2.asp
National Educational Technology Plan
http://www.ed.gov/about/offices/list/os/technology/plan/index.html
Alliance for Excellent Education
http://www.all4ed.org/
National Educational Technology Standards for Students (NETS for Students)
http://cnets.iste.org.students/s_stands.html
National Educational Technology Standards for Teachers (NETS for Teachers)
http://cnets.iste.org.teachers/t_stands.html
COSN Raise the Bar with 21st Century Skills
http://www.cosn.org/Initiatives/EmpoweringSuperintendents/21supstsupCenturySkills/tabid/5106/Default.aspx
MLTI – Maine Learning Technology Initiative
http://www.maine.gov/mlti/index.shtml

Budget Details

Technology				FY 2015 School Com Budget	FY 2015 July-June Actuals	FY 2016 School Com Budget	FY 2016 July-Dec. Actuals	FY 2017 School Com Proposed
Salaries								
Technology Director		331		106,975	107,591	108,580	53,486	110,209
Network Manager		331		64,948	65,340	65,922	32,473	66,911
District Support Technician		331		49,677	49,942	52,712	25,987	53,457
Data Manager		331		52,219	52,483	55,757	27,244	56,047
Deputy Director Technology		331		75,684	74,494	75,313	37,099	76,443
Clerical Support	0.5	222		17,000	0	0	0	22,624
				366,503	**349,851**	**358,284**	**176,290**	**385,691**
Purchased Services								
Purchase Services		121	Lic.& Discovery Ed	100,201	134,013	90,201	61,742	101,642
Computer Asst Learning Elem		121		0	0	0	0	0
Computer Asst Learning Middle		121		0	0	0	0	0
Computer Asst Learning HS		121		0	0	0	0	0
Maint on Printers		331	$1700/mo (Sept 1)	14,000	0	20,000	11,921	20,000
Systemwide Other Tech Services (Aspen)		331		88,000	0	88,000	67,602	75,500
Other Tech Services - Consultants		331		15,000	0	0	150	5,000
Staff Training/Conferences		222		5,000	3,348	5,000	150	5,000
Maintenance Fees		331		0	0	2,500	280	2,500
Repairs of Equipment HS		121		5,000	22,087	10,000	-13,584	0
Repairs of Equipment McCourt Middle		121		1,000	0	3,500	-6,792	0
Repairs of Equipment NC Middle		121		1,000	0	3,500	-6,792	0
Repairs of Equipment - Elementary		121		3,000	0	17,300	0	0
ERATE Services	BandWidth, Netwo	331	*-98,309*	45,000	43,274	92,309	0	92,309
Chrome Book Replacement Parks		121		0	0	0	0	3,000
Travel Stipends		331		9,000	7,655	9,000	1,875	9,000
				286,201	**210,377**	**341,310**	**116,552**	**313,951**
Materials & Supplies								
56101 Office Supplies		331		300	292	2,000	710	300
Supplies Elem		121	PARCC	2,400	784	0	0	1,200
Supplies Middle		121	PARCC	2,400	0	0	0	1,200
Supplies HS		121	PARCC	2,400	0	0	0	1,100
56501 Classroom Software		121		0	0	0	0	0
56404 Periodicals		331		0	0	0	0	0
56101 Computer Supplies		331	incl batteries etc	8,840	3,370	0	0	12,000
				16,340	**4,445**	**2,000**	**710**	**15,800**
Equipment								
57305 Office Equipment		331		0	0	0	0	0
57309 Computer Equipment		121	Replace Cycle Hardw	0	0	17,000	0	100,000
57309 Computer Equipment		121	Remote Loc. Backup	0	0	0	0	5,000
57309 Lease Payments Chromes		121		0	0	0		0
57309 Proposed Lease		121		0	0	0	0	0
57309 Computer Equip MS		121	Chrome Books Staff	483,234	0	0		0
57309 Computer Equip Elem		121	Projectors (12)	17,097	5,049	0	0	6,984
57309 Computer Equip HS		121	Wireless Access Poin	132,000	106,036	15,000	0	2,100
57311 Software District		121		8,700	10,748	0	2,815	0
				641,031	**121,833**	**32,000**	**2,815**	**114,084**
Dues								
58101		331		**399**	**250**	**399**	**250**	**500**
Totals Budget				**1,310,474**	**686,756**	**733,993**	**296,616**	**830,026**