# Fillmore Central School

# Technology Plan

**July 2014 – June 2017**



 **Enter to learn; go forth to serve**



Fillmore Central School

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FCS Technology Plan Website

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District Mission Statement

The mission of FCS is to provide a student centered and community supported learning environment that enables students to achieve personal excellence, both academically and behaviorally, and fosters life-long learners who are responsible, caring, and productive citizens.

District Vision

FCS will be a model regional school where all students learn, grow, and succeed, by using technology as a learning tool, by providing diverse learning opportunities, by inspiring academic excellence and by maintaining fiscal stability.

Introduction



Fillmore Central School is a rural school district in Northern Allegany County with a history of providing a quality education for all students.  The District has approximately 704 students in grades PreK through 12. There are currently 59 teaching staff members with 3 administrators. We are housed in one building which is divided into Elementary, Middle and High School.Fillmore is a close-nit community with a Pre-K-12 enrollment, in accordance with the 2011-12 school report card, of 668 students, 10.1% of whom are classified as students with disabilities.

Fillmore is classified as a rural school district with high student needs in relation to the district resource capacity.  The District per pupil expenditure for the 2010-11 school year was $10,145 for general education students ($656 more than similar schools and $818 less than all NYS public schools), and $22,552 for students with disabilities ($2,525 less than similar schools and $7,189 less than all NYS public schools).  Within the District, 35% of the student population receives free lunches, 9% receive reduced lunches, and 41-50% receives public assistance. Fillmore Central relies heavily on state and federal aid to support education because of the limited resource capacity of the community. Fillmore receives approximately 65% of its revenue from state funds, 4% of its revenue from federal funds, and only 18% of its revenue from local funds.

Technology Plan Vision

Fillmore Central School envisions student-citizens who are considerate, thoughtful, cooperative, self-reliant, and self disciplined. With these personal qualities as a foundation, our children will become decision-makers, problem-solvers, life-long learners, effective communicators, responsible parents, and civic-minded individuals. By striving for excellence in a diversified curriculum our children will be prepared to use the ever-changing technology, become good stewards of the environment, appreciate and respect the fine arts, and maintain a sense of wellness.

Graduates of Fillmore Central School will be prepared to be responsible American citizens who are members of the world community.

Through successful completion of a rigorous academic curriculum, Fillmore Central School graduates will:

1. Demonstrate self-discipline by assuming responsibility for personal learning and wellness.
2. Communicate effectively by using a variety of media and methods for different audiences and purposes.
3. Demonstrate responsible citizenship by interacting with society in a cooperative, productive and informed manner.
4. Think critically by gathering and processing information through various sources, strategies and technologies.

Goals



* Provide policy and procedures that are essential to keep the District computer systems operating effectively and securely and make certain that staff and students are aware of these policies.
* Provide continuing training to administrators, teachers and staff in current technology, software, and web applications.
* Provide continuing integration of technology into the classroom to prepare students for the workplace of today and the future.
* Continue to enhance communication within the District and parents.
* Continue to preserve and build partnerships

Plan of Action

All activities are designed to address the NYS computer Technology Key ideas and \*ISTE National Educational Technology Standards as tools for the design, modeling, information processing, communication and system control, and to greatly increase human productivity and knowledge.

\*[*http://cnets.iste.org/currstands/cstands-netst.html*](http://cnets.iste.org/currstands/cstands-netst.html)*.*

**Goal 1*: Provide policy and procedures that are essential to keep the District computer systems operating effectively and securely and make certain that staff and students are aware of these policies.***

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  ***Actions needed to******achieve goal*** | ***Staff Development***  | ***Person(s) Responsible***  |  | ***Indication of Success***  | **ISTE** |
| The Student Acceptable Use Policy Agreement will be reviewed and presented to the Board for acceptance. | N/A | FCS Technology Committee | June 2015June 2016June 2017 | New AUP ready and placed in the 2011 – 2012 Student Handbook. | NETS-T 4a,cNETS-S 5a |
| Publish the new Student AUP in the September 2014 – 2017 Student Handbook and presented to students and parents. | N/A | FCS Technology Committee | September 2014September 2015September 2016 | Document to be published in the new student handbook and presented to parents and students.  | NETS-T 4a, cNETS-S5a |
| Parents should sign the policy when enrolling their child in the district or when their child enters 5th grade. These signed policies are kept on file until their child graduates or leaves the district. | Presentation and explanation of rules are given to students (and parents if necessary) when the policies are originally signed. | FCS Technology Committee Member | September 2014September 2015September 2016 | Presentation and Signing of Acceptable Use Policy Agreement | NETS-T4a3c |

**Goal *2*: *Provide continuing training to administrators, teachers and staff in current technology, software, and web applications***.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  ***Actions needed to******achieve goal*** | ***Staff Development***  | ***Person(s) Responsible***  | ***Date each action will be Completed***  | ***Indication of Success***  | **ISTE** |
| Provide training sessions during Staff Development Days. | In-service | WNYRIC staff and/or CSLO staffCABOCESDistrict Staff | August 31,2014August 31,2015August 31,2016August 31,2017 | Verbal feedback from learnersImplementation in classroom instruction | NETS-T5a, b, c, d |
| One on one training and/or small group training throughout the school year during Professional Development Days. | In-service | WNYRIC staff and/or CSLO staffCABOCESDistrict Staff | June 30, 2014June 30, 2015June 30, 2016June 30, 2017 | Verbal feedback from learnersImplementation in classroom instruction | NETS-T5a, b, c, d |
| Participate in CSLO and Model Schools service with the WNYRIC to obtain and schedule technology training classes | CLSO & Model Schools | WNYRIC and/or CSLO Staff | 5 Days each year | Verbal feedback from learnersImplementation in classroom instruction | NETS-T5a, b, c, d |
| Participate in CA BOCES Coser 517 Model Schools professional development technology training classes | CA BOCES | CABOCES Staff | On-going | Verbal feedback from learnersImplementation in classroom instruction | NETS-T5a, b, c, d |
| Summer technology workshops for all teachers | In-service | WNYRIC &/or CSLO StaffCABOCES Staff | August 31,2014August 31,2015August 31,2016August 31,2017 | Verbal feedback from learnersImplementation in classroom instruction | NETS-T5a, b, c, d |

**Goal 3*: Provide continuing integration of technology into the classroom to prepare students for the workplace of today and the workplace of the future.***

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  ***Actions needed to******achieve goal*** | ***Staff Development***  | ***Person(s) Responsible***  | ***Date each action will be Completed***  | ***Indication of Success***  | **ISTE****NYS TECH** |
| Teachers in grades PreK-12 will use presentation software; for example MS PowerPoint, for instructional purposes.  | In-service | WNYRIC &/or CSLO StaffCABOCES Staff | On-going throughout the plan duration | Students are comfortable and familiar with presentation software and recognize it when they see it outside of the school environment. | NYS Tech 5NETS-T2a,b,c,d |
| Some teachers choose to access the blogging part of the FCS Web Page to instruct their students on current events and discussion of topics in the classroom. | In-service |  WNYRIC &/or CSLO StaffCABOCES Staff | On-going throughout the plan duration | The teacher is able to display a successful outcome of communication between the students. | NYS Tech 5NETS-T2a3a,d4b |
| Teachers choose to take part in the Podcasting and/or Vodcasting part on the new FCS Web Page allowing students to research and then publish their learning on the website. | In-classroom | WNYRIC &/or CSLO StaffCABOCES Staff District Staff | On-going throughout the plan duration | Learning is posted on the teacher’s webpage for students and parents to see. It can also be locked so that it is safe so only the chosen can see it. | NYS Tech 5NETS-T2a3a, d4b |
| Teachers in grades PreK-12 will use instructional technology such as computers, laptops, iPads, etc for classroom instruction, research and projects. | In-Classroom | WNYRIC &/or CSLO StaffCABOCES StaffDistrict Staff | On-going throughout the plan duration | Student work samples available through technology. | NYS Tech 5NETS-T2a,b,c,d |

Goal 4***:* *Continue to enhance communication within the Fillmore Central School District***

***and parents.***

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| ***Actions needed to******achieve goal*** | ***Staff Development***  | ***Person(s) Responsible***  | ***Date each action will be Completed***  | ***Indication of Success***  | **ISTE** |
| Increased parent understanding of use and access to the Power School website information. | Parent training  | Teachers | On-going throughout the plan duration | Increased student achievement on NYS assessment on all grade levels | NETS-T4b, d3c |
| Increased parent access to the FCS Home Page and the individual teacher pages that are located for parent access to show what is going on in the classroom and easy access to the teacher. | Parent training | Teachers | On-going throughout the plan duration | Increased student achievement on NYS assessment on all grade levels | NETS-T4b, d3c |
| Increased parent access to Common Core materials and instructional videos | N/A | Teachers | On-going throughout the plan duration | Increased student achievement on NYS assessment on all grade levels | NETS-T4b, d3c |

***Goal 5: Create a 1:1 technology device to student ratio***

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| ***Actions needed to******achieve goal*** | ***Staff Development***  | ***Person(s) Responsible***  | ***Date each action will be Completed***  | ***Indication of Success***  | **ISTE** |
| Commitment of district funds to 1:1 device acquisition | In-Classroom | WNYRIC &/or CSLO StaffCABOCES StaffDistrict Staff | June 2017 | Students will have a technology device to be utilized in instruction at all levels in all areas | NETS-A 1c; 2b, c, d |

Curriculum



Every teacher in grades Pre-K-12 is encouraged to integrate technology into their instruction at Fillmore Central School. The most effective strategy to improve technology literacy is to provide access to technology hardware and software for students and teachers at all grade levels. To accomplish this task and increase academic achievement and technology literacy of all students Fillmore Central has:

* Installed 4-6 computers in every Pre-K-6 classroom
* Created three computer labs for whole group instruction
* Acquired two mobile laptop carts to be signed out by teachers
* Acquired two iPad carts to be signed out for instruction
* Scheduled K-6 students for a technology period to create basic technology and keyboarding skills
* Implemented instructional software to reinforce instructional content. Frequently used instructional programs being used include, but are not limited to (with grade levels in which they are used):

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Software** | **PK** | **K** | **1** | **2** | **3** | **4** | **5** | **6** | **7** | **8** | **9** | **10** | **11** | **12** |
| Reading Eggs | X | X | X | X |  |  |  |  |  |  |  |  |  |  |
| Waterford |  | X | X | X |  |  |  |  |  |  |  |  |  |  |
| Earobics |  | X | X | X |  |  |  |  |  |  |  |  |  |  |
| Fast ForWord |  | X | X | X | X | X | X | X | X | X | X | X | X | X |
| Accelerated Reader |  |  | X | X | X | X | X | X | X | X |  |  |  |  |
| Math Facts in a Flash |  |  | X | X | X | X | X | X |  |  |  |  |  |  |
| Odysseyware |  |  |  |  | X | X | X | X | X | X | X | X | X | X |
| Typing Pal |  |  |  |  | X | X | X | X |  |  |  |  |  |  |
| Star Fall | X | X | X | X |  |  |  |  |  |  |  |  |  |  |
| Dragon Naturally Speaking |  |  |  |  | X | X | X | X | X | X | X | X | X | X |
| Brain Pop |  |  |  |  | X | X | X | X | X | X | X | X | X | X |
| Study Island |  |  |  |  | X | X | X | X | X | X | X | X | X | X |
| iPad Aps | X | X | X | X | X | X | X | X | X | X | X | X | X | X |

* Acquired iPads for teacher and student use in excess of the iPad carts
* Acquired 18 mobile Rover carts
* Purchased 8 Smart boards

Fillmore Central relies heavily on the Cattaraugus Allegany and Erie I BOCES Model Schools program to identify teaching strategies and programs to effectively integrate technology in instruction. District administrators distribute professional development opportunities to all staff to promote professional learning around technology integration. Individual teachers are also encouraged to research technology integration strategies and programs to be used in the classroom. Fillmore Central has taken the approach that programs and strategies that address Common Core Standards will be supported in the classrooms. The previously identified software programs are being implemented because they address the following Common Core Learning Standards:

|  |  |  |
| --- | --- | --- |
|   | ELA Common Core | Math Common Core |
|   | RL | RI | RF | W | SL | CC | OAT | NO | G | MD | RP | F | SP | EE |
| Reading Eggs |   |   | X |   |   |   |   |   |   |   |   |   |   |   |
| Waterford |   |   | X |   |   |   |   |   |   |   |   |   |   |   |
| Earobics |  |  |  |  | X |  |  |  |  |  |  |  |  |  |
| Fast ForWord | X | X |   |   | X |   |   |   |   |   |   |   |   |   |
| Accelerated Reader | X | X |   |   | X |   |   |   |   |   |   |   |   |   |
| Math Facts in a Flash |   |   |   |   |   |   | X |   |   |   |   |   |   |   |
| Odysseyware | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| Typing Pal |   |   |   | X |   |   |   |   |   |   |   |   |   |   |
| Star Fall |   |   | X |   |   |   |   |   |   |   |   |   |   |   |
| Dragon Naturally Speaking |   |   |   | X |   |   |   |   |   |   |   |   |   |   |
| Brain Pop | X | X |   |   |   |   |   | X | X | X | X | X |   |   |
| Study Island |   |   |   |   |   |   |   |   | X | X | X | X | X | X |
| iPad Aps | X | X | X | X | X | X | X | X | X | X | X | X | X | X |

Classrooms use instructional software in whole group, small group, and individual instructional settings on a daily basis. Instructional software use is differentiated to meet the needs of individual students. Whenever possible, Fillmore Central utilizes pre- and post- assessments available in softwares to target instruction and meet the individual needs of students.

*Technology Delivery*

Technology is used in a variety of ways at Fillmore Central School.

* Distance Learning
	+ Lab
	+ Polycom units
	+ On-Line AIS and instructional courses
* Computer labs
* Classroom computers
* Mobile laptops carts
* iPad carts
* Smartboards
* AV Rovers

Fillmore Central in continuously reviewing instructional uses and needs to effectively integrate technology in all areas.

Communication



The key to a successful educational environment is open communication between all parties involved. Here at Fillmore Central School we make this an important part of our District Mission. This is employed by using the various policies listed below:

Every August before school starts the District Calendar is mailed to all residents. The calendar includes the district directory and phone numbers, school board member information, staff names and subjects taught, school policy information, event information, and sporting event schedule.

The District website is an important means of communication within the school and within the community. The school calendar has been uploaded into the website and is listed as upcoming events. Not only is it listed on the home page, it is also listed on individual teacher calendars. The FCS Home page not only lists upcoming school and community events but also lists district information, teacher and staff directory, site shortcuts to Power School, Lotus Notes email software; and many other useful sites. The majority of teachers here at Fillmore in both the elementary and high school have classroom web pages. This enables them to publish assignments and further communicate with students and parents.

At Fillmore Central School each teacher is given an email account. Parents are able to communicate with teachers by using these email addresses. This allows prompt replies under most circumstances. Students are also provided email address when they are seniors or upon teacher request. This allows them to communicate with colleges and communicate with their teachers and professors on projects.

Teachers at Fillmore Central School are required to use Power School software to take attendance and create and keep up their gradebook. Power School is a web-based software that can be used on any computer that has internet capabilities. This makes it very user friendly for their teachers because they can do their grading either in school or at home. Power School also has a parent component for any student in grades 4 - 12. The parent component gives the parents of any student in grades 5 - 12 an opportunity to sign up for an account for their child. Once an account has been created the parents can track the progress of their child’s attendance and academic progress. They can also see teacher comments and then email or call the teacher any time they feel the desire.

Each month Fillmore Central School also sends out a monthly newsletter to all in the community. This newsletter includes various articles from faculty and staff. There are articles from the administration about what is new in the school and articles from the teachers about what has been going on in the classroom. If there is something new going on in the community this is also included in the newsletter along with important names, dates and phone numbers.

Professional Development Strategies

The District will provide staff training that will empower teachers and administrators with the necessary knowledge, skills, and confidence to create and implement projects using technology as a tool to increase and enhance student learning.

***Annual Goal:***

K-12 teachers and administrators will actively participate in a minimum of 35 hours of professional development activities to increase student success and encourage professional growth.

* Every K-12 teacher and administrator will attend and/or actively participate in professional development activities an average of 35 hours per school year (175 hours over 5 years) to address identified District, standard team and/or grade level goals.

###### *Professional Development Activities*

*The professional development committee has determined that professional development activities will encompass, but will not be limited to the following types of activities to fulfill the 35-hour requirement of professional development. Professional development activities should be connected to each individual’s goals to fulfill the professional development requirement. Professional development activities may include:*

***Training in the use of educational technology and technology integration***

* Self-tutorial programs
* Working with a consultant in a classroom to introduce new initiative
* *Workshops/ conferences*
* *Curriculum development/ alignment*
	+ *Peer review activities*
	+ *Mentoring activities*
	+ *Superintendent’s day in-service training*
* 1:1 tutorials

Each teacher and administrator to show evidence of professional development participation will keep documentation of Professional Development activities. Documentation shall include:

* Certificates of workshop completion
* Meeting/ workshop attendance/ documentation form
* Written curriculum

Professional Staff development is the key for successful integration of technology into the curriculum. Fillmore has based its professional development strategy to align with the ISTE National Educational Technology Standards plan for teachers and student, and may be viewed online at: http://cnets.iste.org/currstands/cstands-netst.html. Teachers will have the opportunity for professional development days throughout the year in technology from the following resources:

* CSLO Model School COSER 529
* Cattaraugus-Allegany BOCES COSER 517
* Cattaraugus-Allegany Teacher Center

*Collaboration*

The technology committee is made up of grade level representatives, department representatives, administrators, Library Media Specialists, and the Technology Coordinator. All technology requests and concerns are introduced to the technology committee on a monthly basis. This information is then coordinated by the Technology Coordinator and Curriculum Director. Matters of interest are then brought to the District Technology Committee.

Technical Support/Maintenance

Technical support is critical in order to be successful in the maintaining of our current and future technology needs.

Erie1 BOCES and Cattaraugus-Allegany BOCES provide us with many of our essential technical support services. We currently have a Microcomputer Technical Support Specialist for hardware (Servers/workstation) and software support. In addition Erie 1 provides four days a week of Computer Support Technician Support and 0.5 day a week Senior Microcomputer Technical Support Specialist.

Cattaraugus-Allegany BOCES provides technical support for our Distance Learning classroom.

Current status of Technology



Currently we have 5 wire closets located throughout the school connected by a fiber optic backbone allowing data between the closets to be transmitted at gigahertz speed, with the combination of CAT 5 and CAT 6 wiring to workstations. We have a total of 29 hubs/switch, 9 which have been upgraded to Nortel 5510-48T (1 gigabyte). We have 5 physical servers and 1 virtual server running 5 define servers

**Dell Servers:**

E026AD1 File Server/Domain Controller

E026AD2 Virtual/Domain Controller

E026APPS Virtual Server/apps

E026STAFF Virtual Server/File Server

E026STUDENTS Virtual Serer/File Server

E026PRINT Virtual Server/Print

E026WDS Virtual Server/Windows Deployment

WinCap Hosted at Erie 1BOCES/Financial Management

Lotus Notes Hosted at Erie 1BOCES/E-mail

Power School Apps Server/Student Management

Waterford Apps Server/Waterford

Video 1 Camera Surveillance – First Floor

Video 2 Camera Surveillance – Second Floor

**Telecom Services:**

* Every classroom is equipped with a telephone line with internal and external capability (access code), Nortel PBX system.
* Long distance phone service is available in the either school office.
* An E-mail server operates district-wide using Lotus Notes e-mail package.
* 1 fiber distance learning classroom
* Gig-E telecommunications line connecting to the Western New York Regional Information Center
* 1 mobile polycom unit

**Work Stations and Peripherals:**

We are a district of diverse computers systems consisting of PC and Mac. All computers used by administrators, guidance, teachers, students and support staffs are connected to the school’s broadband network and the Internet. The internet connection for the district is provided by Erie1 BOCES, using a gigabit fiber optic wide area network. Fillmore has 100 wireless access points throughout the school.

Teachers at Fillmore have been given the choice of a Dell /Mac laptop to be used in or out of school for school related work, or Dell/Mac desktop to be used in school.

* Each classroom has a minimum of 6 network drops.
* Each Elementary classroom have 6-7 desktops Dell OptiPlex 745 and/or Dell Optiplex 790
* Each (3)computer lab has 30 network drops
* Each classroom has TV/VCRs/Laser Disk Player
* Most classrooms have a deskjet ink color printer
* Each Elementary classroom has a projector (36)
* 1 mini cart (21) Mac iBook for use in Elementary classroom runs OS 9.2
* All other Mac workstations and laptops run OS X 10.4
* PC workstations and laptops run Windows XP or Windows 7
* 2 mobile PC laptop lab (24 computers) Dell Netbooks Latitude 2100
* 1 Elementary Lab(24 computers) Dell Optiplex 380
* 1 PC Business lab (30 computers) HP Compaq 8200
* 1 PC general Lab (24 computers) Dell OptiPlex 780
* 1 mini PC laptop lab in Distance Learning room (8 computers) Dell Latitude 630
* Each lab has a laserjet and color printer
* Each lab has a scanner
* Two Xerox copier that are also available for computing printing for teachers
* One Richo Color copier also available for computing printing
* Five Smart boards
* Three Airliner
* Ten Digital cameras that can be signed out
* Three Video cameras that can be signed out
* Two iPad carts

**Major Software:**

|  |  |  |
| --- | --- | --- |
| **Software** | **Purpose** | **License Information** |
| WinCap | Financial System | Site License |
| WinSnap | Cafeteria System | Site License |
| Destiny | Library Management System | Site License |
| Power School | Student Management System | Site License |
| Grade Book  | Student Grading System | Site License |
| Clear Track | Special Education Software | Site License |
| Curriculum Mapper | Curriculum Mapping | 75 Users |
| Lotus Notes | E-mail System  | Site License |
| SIF | Integrate Information System | Site License |
| School Wires | Web page design | Site License |
| Symantec | Antivirus | Site License |
| LightSpeed | Internet Filtering | Site License |
| Renaissance Learning | Reading/ Math Instruction | Site License |
| AimsWeb | Universal Screening/ Progress Monitoring | Site License |
| Fast ForWord | Reading/ Language Instruction  | Site License: Language, Literacy, Language Basics, Reading 1,2,3,4,55-Users: Literacy Advanced |
| Waterford Early Learning | Reading Instruction | Site License |
| Microsoft Office | Word Processing, Spread Sheets, Presentations | Site License |
| Process It | Electronic forms | Site License |
| Dragon Naturally Speaking | Voice to text software | 250 Users |
| Kurzweil | Assistive technology | Site License |
| eDoctrina | Assessments, Unit/ Lesson Planning, SLOs, AIS tracking | Site License |

Automation of HVAC for energy management

Each Administrator, teacher and support staff uses a version of Microsoft Office (2010-2013).

PC (workstation and laptops) uses a version of Microsoft Office (2010-2013)

Mac (workstation and laptops) uses a version of Microsoft Office (2010-2013)

**iPad- VPP Inventory:**

|  |  |  |  |
| --- | --- | --- | --- |
| Date | Ap | Price | Number of Licenses Purchased |
| 1/31/12 | Read to Go | $9.99 | 20 |
| 3/22/12 | Imotion HD Pro | $1.99 | 20 |
| 4/2/12 | Shakespeare In Bits: Romeo & Juliet iPad Edition | $14.99 | 20 |
| 5/2/12 | Articulation Station Pro By Little Bee Speech | $39.99 | 2 |
| 5/2/12 | Memory Pairs Academy | $13.99 | 2 |
| 5/16/12 | Bio Regents Buddy | $1.99 | 20 |
| 9/5/12 | Graphing Calculator HD by Appcylon | $1.99 | 1 |
| 10/10/12 | Documents 2 Unlimited- Office Editor & PDF Files | $4.99 | 10 |
| 10/15/12 | Stories2Learn | $13.99 | 5 |
| 10/15/12 | Smarty Ears, Language Adventures | $19.99 | 2 |
| 10/15/12 | Categories Learning Center | $9.99 | 20 |
| 10/18/12 | Pecs Phase III | $9.99 | 20 |
| 11/1/12 | ahhh! Math Zombies | $1.99 | 20 |
| 12/3/12 | Friends of Ten | $1.99 | 60 |
| 12/3/12 | Little Monkey Dominoes Addition | $1.99 | 60 |
| 2/7/13 | Starfall Learn to Read | $2.99 | 10 |
| 2/7/13 | Kids Reading Comprehension Level 1 and 2 | $0.99 | 10 |
| 4/4/13 | AB Math | $1.99 | 60 |
| 5/30/13 | Chess | $0.99 | 20 |
| 10/10/13 | Documents 2 Unlimited- Office Editor & PDF Files | $4.99 | 1 |

**Internet Filtering:**

******

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Public Hearing: April 19, 2012

Adoption: May 17, 2012

***Current Inventory***

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Computer (by type**) | **Computer****Lab** | **Classroom** | **Library/****Media Center** | **Admin/****Office** | **Other/****Teacher** | **Future Acquisitions****Year 1 Year 2 Year 3** |
| Windows desktop | 78 | 144 | 23 | 15 | 25 | 20 | 24 | 45 |
| Windows laptops | 56 |  | 1 | 5 | 45 | 10 | 10 | 10 |
| Mac laptops |  | 5 |  |  | 10 | 2 | 2 | 2 |
| Internet ready and equippedfor multimedia | 133 | 149 | 24 | 20 | 80 |  |  |  |

Fillmore has established a four to five year computer replacement policy. As such time the District will evaluate those computers for their ability to meet current requirements for networking, newly purchased software, and/or cost effectiveness of service.

Computers that meet one or all of the above criteria will be replaced and removed from inventory. The computers that were purchased through Erie 1 BOCES will be returned to WNYRIC and district purchased computers will be recycle or be disposed following proper protocol.

**Other Acquisition**

|  |  |
| --- | --- |
|  | **Future Acquisitions** Year 1 Year 2 Year 3 |
| **Servers** | Upgrade the HAVC Server and program | Virtualizes the Power School Server |  |
|  **Xerox Copiers** | Purchase of several copiers to place through the building |  |  |
| **Telecom** |  | Consideration for implementing VoIP |  |

Needs and Priorities



**Hardware:**

* Implement fourth computer lab with laptops
* Capability for implementing VoIP
* Updating computers to meet requirements for on line testing
* Replacing laptops on the AV Rover carts and DL Room
* Replacement of computers on a four to five year rotation
* Mount projectors on the ceiling or wall units
* E-rate purchases:
	+ Telephones (local and long distance via AT&T and Frontier)
	+ Cell Phones
	+ Pagers
* Update/ grade teacher laptops
* Acquire Smartboards/ AV Rovers
* iPads and iPad Carts

**Software:**

* Student monitoring system, such as Synchronize eyes
* Help Desk work request system
* Standardize Microsoft Windows 7
* Standardize version of Microsoft office-2013
* Standardize typing program for the Elementary classroom
* Electronic forms
* Monitor e-mail programs (Lotus Notes, G-Mail, etc.)

*Increase Access*

**

The District will provide students of need with a laptop to be used for the freeware software “Skype” and teacher with a video computer camera. Skype will allow students that need to be home the ability to join the classroom in real-time.

The District will provide students of need with a laptop for use for the “Dragon Naturally Speaking” a speech-recognition software to be used in school and/or at home

The District windows based computers all run Windows XP. Windows XP has built in tools to magnify portions of the display for the visually impaired and an on-screen keyboard for those who cannot use the physical keyboard.

###### Evaluation

The success of the professional development plan will be evaluated in two manners. The first evaluation tool will be a quarterly analysis of student assessment results. The needs assessment identifies the needs of the District in each of the standard areas. Professional goals that are written to address the District needs should result in an increase in student achievement.

The second evaluation tool will be the evaluation of the individual goals of each teacher and administrator in the District. Teachers will meet annually with an administrator to discuss the implementation of their annual goals and their effect on student achievement.

The third evaluation tool will be gathering information on the effectiveness of the plan by way of surveys, observations and meetings by the Technology Committee. The surveys will address the level and usage of technology for each teacher, that will be completed at the beginning and end of the school year.

The Technology Plan is a working document in progress. There are variables (i.e. district budget) that may effect the implementation and timeline of the plan, thus the Technology Committee will meet monthly to assess the progress and goals of the Technology Plan and will recommend adjustments to the plan to ensure meeting the goals set forth.

Communication of the Technology Plan



 This plan will be communicated via the District’s website.

*www.fillmorecsd.org*

*Appendix A*

COMPUTER AND INTERNET USAGE AGREEMENT FOR STUDENTS

Dear Parents,

Part 1 Computer Usage

 In consideration for the privilege of using the Fillmore School computer system, and in consideration for having access to information contained on it and accessible through it, I hereby release the Fillmore Central School District’s Board of Education, the Systems operator, administration, staff, and BOCES form any and all claims of any nature or form arising from my use, misuse, or inability to use the Fillmore Central School’s computer system. In addition, I understand and agree to the following:

I shall avoid abusive conduct which would include, but not be limited to, the alternating of system software, placing of unlawful information, computer viruses, or harmful programs on or through the system.

       I shall be responsible for safeguarding my password and agree to accept responsibility for all actions conducted through the use of my password.

       I will not use the school’s computer system to obtain, view down load, or otherwise gain access to materials that are unlawful, obscene, pornographic, or abusive.

       I will only use software provided by Fillmore Central School or approved by the administration.

       I will not misuse any computer equipment.

       I will not intentionally obtain, modify or copy files, programs, or passwords belonging to other computer users without their permission.

       I will not use the computer for anything other than course related work or faculty authorized/supervised activities.

 If I cause damage to either the equipment or work of others, I may be held responsible for the costs and damages. I further understand that failure comply with the terms of this agreement may result in loss of my computing privileges, and may result in criminal charges being brought against me.

Internet Usage

 Fillmore Central School is able to grant your child access to a very powerful computer network called INTERNET. In order to do so it is necessary for you to approve the following conditions for use.

 This network allows the user to contact computer systems across the country and around the world. The INTERNET user has the ability to share information, do research projects, and communicate with others: capabilities which can add a very exciting dimensions to your child’s educational experiences.

*Appendix B*

FILLMORE CENTRAL SCHOOL

COMPUTER AND INTERNET USAGE AGREEMENT FOR STUDENTS

Unfortunately, some of the systems may contain defamatory, inaccurate, abusive, racially offensive, illegal, or adult-oriented material.

We want to assure you that the Board of Education, Administration and Staff do not condone the use of such materials, and do not permit usage of such materials in the school environment.

Further, every reasonable effort will be made to monitor the usage of INTERNET so that \unauthorized exploration of undesirable materials will not occur.

Any discovered instances of such usage will result in immediate suspension of INTERNET privileges for the offender. Parent notification of such suspensions will also be provided.

To put it another way, we would like to give your child a very powerful, electronic library card.

However, there may be some books in that electronic library that we do not think are appropriate for him/her. We will do everything that we can reasonably do to keep inappropriate materials out of your child’s hands. If caught with such materials, his/her electronic library card will be suspended and you will be notified.

I have read and understand the Computer and INTERNET Usage Agreement. I agree to adhere to the terms of this agreement.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Signature of Student Date

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Signature of Parent or Guardian Date

Please print or type the following information:

Student Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Grade\_\_\_\_\_\_\_\_\_\_\_

***Appendix C- 470 Form***

470 Requests for District (Name): Fillmore Central School

Item Validation for use

Telephone Pg. 19

Cell Phones Pg. 19

Pagers Pg. 19

WAN Pg. 13

Internet Access Pg. 12, 13

Email Pg. 19

Internal Connections Pg. 12, 13

***Appendix D- Superintendent Sign Off***

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