# **Educational Technology Plan Hamilton Community Schools**

July 1, 2009 – June 30, 2012

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ISD: Ottawa Area Intermediate School District - 70000

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Technology plan: http://www.hamiltonschools.us/techplan.pdf



Together We Grow

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## **District Profile**

Hamilton Community Schools is a rural/ suburban district encompassing about 135 square miles in northwest Allegan County in west Michigan. The recent downturn in the local and state economies has impacted Hamilton's growth. Student population has remained static at about 2,600 students for the past two years after a period of moderate growth. Hamilton enjoys strong community and parental support of its academic and extracurricular programs. Student academic achievement is consistently above state and national averages.

#### **School Buildings**

•	Hamilton High Schoo	<u>o</u> l (grades 9-12)	
	4911 136 <sup>th</sup> Ave, Ham	ilton, MI 49419	
	Enrollment: 768	Teaching staff: 51	Economically Disadvantaged: 15.6 %
•	<u>Hamilton Middle Sch</u>	<u>aool</u> (grades 6-8)	
	4845 136 <sup>th</sup> Ave., Han	nilton, MI 49419	
	Enrollment: 600	Teaching staff: 39	Economically Disadvantaged: 22.7 %
•	Bentheim Elementary	<u>v School</u> (grades Youn	g Fives-5)
	4057 38 <sup>th</sup> St., Hamilt	on. MI 49419	
	Enrollment: 306	Teaching staff: 23	Economically Disadvantaged: 22.5 %
•	Blue Star Elementary	) School (grades Preso	chool-5)
	3846 58 <sup>th</sup> St Hollan	d MI 49423	
	Enrollment: 325	Teaching staff: 21	Economically Disadvantaged: 26.2%
•	Hamilton Elementary	v School (grades Youn	g Fives-5)
	PO Rox 302 3472	M-40 Hamilton MI 4	9419
	Furallment: 457	Teaching staff: 28	Feonomically Disadvantaged: 10.0%
		Teaching staff. 20	Leonomicully Disuavaniagea. 17.770
•	Sandvview Elementa	rv School (grades K-5	)
	4317 46 <sup>th</sup> St. Hollan	d. MI 49423	
	Enrollment: 134	Teaching staff: 13	Economically Disadvantaged: 20.9%

# **Mission Statement**

Hamilton Community Schools believes that all students can learn and can achieve mastery of the skills needed to be lifelong learners. This will include group and individual problem solving so students can function effectively in an ever-changing society. We accept the responsibility to educate all students, and develop positive social/emotional behaviors and attitudes in an atmosphere of trust and mutual respect. This will happen through staff commitment in cooperation with students, parents and community.



## Hamilton Community Schools Technology Vision

The use of technology in the Hamilton Community Schools will support academic achievement for all students. Students and teachers will utilize technology tools and resources to increase the impact of instruction, communicate effectively, expand learning opportunities, facilitate problem solving and decision-making, and work cooperatively. The effective use of technology will prepare our students for productive and responsible citizenship in a global society.

#### Hamilton Community Schools Goals

Technology has become fundamental to learning and communication within our world. Our district mission to prepare all students for lifelong learning and responsible, productive citizenship requires goals for the active, integrated and responsible use of technology to:

- 1. Increase student achievement: Develop, implement, and evaluate strategies to strengthen student academic performance through the use of technology that is highly integrated in teaching and learning, instruction that meets the needs of a variety of learners, and expanded learning opportunities.
  - Identify models for instruction that effectively integrate technology for increased learning and retention
  - Identify teaching and learning resources to support achievement of content standards with emphasis on improvement of literacy skills
  - Expand online and distance learning options to provide challenging learning opportunities and support for all students at all levels, including intervention and remediation
- 2. *Facilitate effective and ongoing communication:* Develop, implement and evaluate systems for increased and effective communication among all stakeholders (students, staff, parents, community).
  - Maintain and maximize the use of online systems to enable parent and student access to student progress data, assignment information and instructional resources (e.g., online access to textbooks and classroom websites).
  - Development and implementation of common, longitudinal data collection system to facilitate instructional planning and decision-making.
  - Review and refine formats for interactive and ongoing communication among stakeholders for increased efficiency and reliability.
- **3.** *Manage and support technology resources to maximize effectiveness:* Develop, implement and evaluate procedures for maintaining, replacing and/or expanding technology systems.
  - Establish priorities for use of financial resources available for technology
  - Assess need for increased revenue for technology spending

- Identify mechanisms for generating funding for technology improvements and support
- Review and revise schedule for replacement of technology equipment
- Evaluate need for additional technical support to maintain technology tools and resources



Goals and strategies, aligned with challenging state and national standards, for using telecommunication and technology to improve teaching and learning.

#### District Goal #1: Increase student achievement

#### Goal I. Improve student learning through the use of technology tools and resources.

- a. Increase student technology literacy through integration of Michigan Educational Technology Standards (METS) in core subject assignments and assessments.
  - Assess 5<sup>th</sup> grade students at completion of elementary InfoTech series to determine level of technology literacy and to analyze skill area proficiencies. (2009/2010-2011/2012)
  - Continue to assess technology skills of 8<sup>th</sup> grade students. Compare proficiencies to 5<sup>th</sup> grade assessment information. (2009/2010-2011/2012)
  - Determine which skills to be integrated in middle school core curriculum instruction and placement within core curriculum. (2009/2010-2010/2011)
  - Plan for monitoring of technology skill instruction within middle school curriculum. (2009/2010-2010/2011)
  - Investigate and consider other formats for delivery of technology skill instruction at the middle school level. (2009/2010)
  - Monitor success of on-line experience in high school (MMC curriculum). (2009/2010-2011/2012)
  - Continue development of joint projects and assignments based on integration of core curriculum standards and Michigan's Educational Technology Standards at the elementary level. (2009/2010-2011/2012)
- b. Increase modeling of technology tools within core subject areas.
  - Teachers will be expected to model use of technology tools as part of instruction. (2009/2010-2011/2012)
  - Building administrators will monitor use of technology tools during instruction as part of classroom visitations and observations. (2009/2010-2011/2012)
  - Teachers will share successful use of technology tools during building, department and grade level meetings. (2009/2010-2011/2012)
  - Continue teacher technology integration professional development series (Tech Hawkeyes/Geektopia) with focus on grade level and department needs. Develop shared resources that integrate technology to support and increase learning. (2009/2010-2011/2012)

#### Goal II. Improve instructional practice through the use of technology tools.

**a.** Increase teacher technology literacy through professional learning that integrates National Educational Technology Standards (NETS) for Teachers.

- Target professional learning to specific grade levels and core subject areas to model use of technology tools. (2009/2010-2011/2012)
- Continue to work with Ottawa Area Intermediate School District Technology Integration Consultant to identify models and provide support for professional learning, including Tech Hawkeyes/Geektopia. (2009/2010-2011/2012)

**b.** Identify instructional activities and strategies (by grade level or course) that improve instruction through the use of technology tools.

- Include identified activities in curriculum plan for grade level or course. (ongoing)
- Support professional development based on staff needs and identified key technology tools and resources. (2009/2010-2011/2012)
- Provide professional development for teachers and administrators in small groups with adequate time for supported practice and application of technology skills. (ongoing)



## Section 5: CURRICULUM: STUDENT ACHIEVEMENT

Strategies that are based on research and that integrate technology into curricula and instruction for purposes of improving student academic achievement and a timeline for that integration.

Much of our work on curriculum, including instructional planning, design, and assessment, is done through a structure of grade level (elementary and middle school) or department teams (middle school and high school). Teams work together to generate and identify effective instructional strategies, practices and resources using research-based models.

In curriculum maps and planning documents, teachers will identify common assignments and projects that integrate technology skills and support core content area standards/expectations to help students: (2009/2010 - 2010/2011)

- Compile, organize, analyze and synthesize information
- · Access information, understand content, and extend learning
- Collaborate and cooperate in team efforts
- Access information in a variety of ways
- Become self-directed learners

Grade level and department teams will identify model instructional strategies and lessons that integrate technology to enhance student learning of targeted core content area standards.

• Common lessons that integrate technology use and resources will be accessible electronically to all teachers. Eg., Discovery Education Network district level content; lessons on district server. (2009/2010-2011/2012)

- Lessons will be modeled and results reviewed at staff and team meetings. (2009/2010-2011/2012)
- High school teachers will work with Ottawa Area ISD staff and ISD resources to support students' success in the Michigan Merit Curriculum. Eg. Power Expectation documents, ELAR assessment tool. (2009/2010-2011/2012)

Teachers will access student achievement data to plan instruction, personalize instruction, and chart progress.

- Data on common assessments will be available to all teachers and administrators through web-based data system. (2009/2010-2010/2011)
- Student assessment data will be used at the building level for school improvement initiatives (NCA Accreditation) and at the district level for strategic planning and monitoring progress. (2009/2010-2011/2012)



## Section 6: CURRICULUM: TECHNOLOGY DELIVERY

Strategies for the delivery of specialized or rigorous courses and curricula through the use of technology, including distance learning technologies.

- Distance learning is utilized to provide more course offerings; both advanced and credit recovery, at Hamilton High School and Hamilton Middle School. (current and ongoing)
- Online delivery of courses is utilized for students (e.g., advanced or low enrollment class options, credit recovery, homebound instruction) and professional development (e.g., courses, webinars, online collaboration). (current and ongoing)
- Options for extended use of distance learning and innovative online delivery of instruction will continue to be explored. (2009/2010-2011/2012)
- Opportunities for cooperative projects with area schools, businesses and institutions of higher learning will be explored. (2009/2010-2011/2012)



Strategies to promote parental involvement and to increase communication with parents and community, including a description of how parents and community will be informed of the technology to be used with students.

The technology plan will be shared at board of education meetings, will be available for review at all school buildings and will be accessible on the district website.

Communication with parents takes many forms, including:

- Weekly classroom and school newsletters, distributed in print form and posted on school websites
- Building and district websites
- E-mail and voice mail communication to staff available to all parents and community members. E-mail addresses published in building brochures, newsletters and on websites

- Website addresses published in newsletters, brochures and other print material, including district newsletter that is mailed to all households
- Food service information and payment options available through district website.
- Parents and students have web-based access to student progress and assignment information through district website.

Participation of parents and community members in planning and evaluation of technology use occurs through community surveys and forums. The Board of Education regularly reviews district technology needs. Building improvement/NCA accreditation teams, including parents and staff, guide school improvement initiatives. Additional input is gained through board of education meetings and planning sessions.



Strategies for developing the program, where applicable, with adult literacy providers.

Few opportunities exist for cooperation with adult literacy providers. Dissolution of a Community Education consortium and the lack of a municipal authority within the school district make collaboration difficult. During the duration of this technology plan, our strategy would be to identify what collaborations might be feasible and initiate cooperative activities.



Section 9: PROFESSIONAL DEVELOPMENT

Strategies for providing ongoing, sustained professional development for teachers, principals, administrators, and school library medial personnel to ensure that staff know how to use the new technologies to improve education or library services.

Professional development strategies will be ensure that all staff and administrators are aware of technologies available and have a clear understanding of how technology tools and resources can be used to improve student learning. Consideration of the needs of adult learners is an important component of planning professional development.

Professional development will be

- Connected to and focused on student learning, classroom instruction and student data analysis.
- Available in a variety of formats (time, delivery, level, location, etc.)

• Collegial, interactive and ongoing

Specific activities and strategies include:

- Ongoing training and support of PowerSchool student information system and PowerTeacher grading program will be provided through small group sessions with teacher trainers and technology staff. (ongoing and continuing)
- Notebook computers were purchased for all teachers and administrators in 2007/08. Ongoing training and support is provided to maximize the utilization of this technology for planning and instruction, data analysis and communication. (ongoing and continuing)
- Increase understanding of Michigan's Educational Technology Standards for Students by distribution and discussion of METS standards through reports of 5<sup>th</sup> and 8<sup>th</sup> grade technology assessment results. (2009/2010-2011/2012)
- Grade level and department teams will identify training needed to utilize targeted technology tools and resources (e.g., CPS units, Modeling Physics lab equipment). Building principals will work with grade level and department chairs to plan trainings and follow-up sessions. (2009/2010-2011/2012)
- Professional development needs to assure that all teachers can demonstrate competencies described in state and national standards (NETS, Michigan Standards for Ensuring Excellent Educators) will be determined through staff surveys. (2009/10, 2011/12)
- Professional development targeted to grade level and department needs will be supported through the Tech Hawkeyes/Geektopia program. This extended learning series, facilitated by an instructional technology consultant from the OIASD, creates a cadre of teachers who learn to use and apply technology tools to content area lessons that are shared with grade level and department colleagues. (2009/2010-2011/2012)
- Opportunities for technology training is available to all staff members through the Ottawa Area Intermediate School District and online sources. Funding for training is budgeted for staff members at all levels. (2009/2010-2011/2012)

Resources:

- Ottawa Area Intermediate School District http://www.oaisd.org
- NETS Standards for Teachers http://iste.org/
- National Staff Development Council http://nsdc.org/
- Learning Point Associates http://www.learningpt.org
- Technology Standards for School Administrators <u>http://cnets.iste.org/</u>
- Discovery Education Network http://www.discoveryeducation.com



Strategies and supporting resources such as services, software and other electronically delivered learning materials, and print resources that will be acquired to ensure successful and effective uses of technology.

Resources available to ensure successful and effective uses of technology include:

- Budgeted allocations for technology resources, professional development and technical support.
- Data management software (e.g. Pearson's Inform) will increase effective management of student information and data in coordination with PowerSchool student information system.
- Valuable resources are available to all staff through the Ottawa Area Intermediate School District. These include financial and infrastructure support through intermediate district collaboration, professional development, video lending library, streamed video, and consultation by curriculum specialists.
- Collaborative partnerships with Grand Valley State University enable online, districtlevel professional development that qualifies for graduate credit.
- District and building websites provide a forum for information and communication with staff, students, parents and community.
- District policies for technology use ensure the ethical and safe use of technology.



Section 11: INFRASTRUCTURE, HARDWARE, TECHNICAL SUPPORT, AND SOFTWARE: INFRASTRUCTURE NEEDS/ TECHNICAL SPECIFICATION, AND DESIGN

Strategies to identify the need for telecommunication services, hardware, software, and other services to improve education or library services, and strategies to determine interoperability among the components of the technologies to be acquired.

The Hamilton Community Schools employs a full time Director of Technology and one full time staff member who provides technology support for all six schools and other district departments (administration office, maintenance department, food service, transportation). Support is requested on an as-needed basis and prioritized by Director of Technology and support technician. Additional help is available on a short-term basis through contracted services.

The district is considering the purchase of scheduling software (web-based) that would help to efficiently manage and track technology support requests, including repairs and preventative maintenance.

All buildings are connected to an internal network and to the ISD wide area network through fiber optic cable. Internet access, including email, is provided through the ISD connection. Data storage is provided on individual building servers and on common servers maintained at the high school.

MacBook Pro notebook computers were purchased in May, 2008 for all teachers and administrators. This computer upgrade has significantly expanded the use of technology by all teaching and administrative staff for instruction, data analysis, collaborative professional development and communication.

A variety of models and operating systems are currently being used and maintained. Wireless laptop labs are used for student instruction in all elementary buildings. Middle and high school computer labs are equipped with Macintosh desktop computers of varying ages (5-8 years old). PC based computers are used for administrative functions in each building office, in technical education labs at the high school, and are available for student use in the high school media center. All buildings use networked laser printers for printing needs. The middle and high school have CPS response systems that are utilized for classroom instruction and assessment. A STEM grant received in the 2008/09 school year funded the purchase of six MacBook Pro notebook computers and equipment for the high school physics lab to support Modeling Physics instruction. Student learning will be improved through greater availability to internet resources through computers, handheld devices (such as cell phones), wireless networks and improved district infrastructure.

All building has an internal video system for internal broadcasting; cable service is provided to all buildings where it is available (not Bentheim or Blue Star Elementary Schools). A distance learning classroom at the high school was upgraded during the 2005/06 school year to meet ISD standards and is used to participate in the ISD distance learning system.

Each building has been working to install mounted video projectors in classrooms (about 50% complete). Currently, some video projectors (on carts) available for use in classrooms that do not have mounted projectors. Each elementary building is working to install teaching stations that integrate a mounted projector, ELMO, and wireless microphone/speaker system. Parent groups have raised funds that are matched by the Board of Education to fund these projects. Each teacher workstation is equipped with a phone that is connected to the district-wide internal and external phone systems. Staff members have voicemail and remote access to their messages.

The Director of Technology continues to work with district staff, the ISD and outside vendors to continue and increase interoperability. This includes regularly scheduled meetings focused on facilitating software compatibility.

A current inventory of infrastructure and hardware is attached.

Strategies for identifying needs for improvement of infrastructure, hardware, software and technical support:

- A review of the current inventory of technology hardware and resources will be completed. (ongoing and continuing)
- Define need for additional technical support and identify options for providing additional support. (2009/2010-2010/2011)
- Define and implement schedule for replacement of technology components as part of district bond election planning. (2009/10)
- Determine priorities (based on use and educational need) for improvement or upgrade of hardware and identify options for financing improvements. (2009/10)
- Standardize policies for purchase of software and technology components to ensure review by Director of Technology for interoperability and coherence with district standards. (2009/10)
- Budget adequate resources to maintain technology infrastructure and hardware to support teaching and learning. (2009/2010-2010/2011)



Section 12: INFRASTRUCTURE, HARDWARE, TECHNICAL SUPPORT, AND SOFTWARE: INCREASE ACCESS

Strategies to increase access to technology for all students and all teachers.

The Ottawa Area ISD provides much of the support for increased access through its initiatives, including the wide area network and cooperative distance learning program. Additionally, ISD consultants provide support (training and equipment) when needs for assistive technology are identified.

Strategies to increase access to technology for all students and all teachers:

• Analysis by outside organizations are scheduled to assess hardware, software, network infrastructures and other technology services to assist in the continuous upgrading, a timeline for technology acquisitions and consider future trends for using technology to improve student learning. This is especially important as we meet the needs with the use of assistive technology. Currently, software is being used to assist students with

phonemic awareness, with plans to use software to address multiple learning challenges. (2009/2010)

- Upgrade building and district switches and servers to support increased use and upgrades. (2009/10)
- Participate in ISD wide initiatives including distance learning consortium, assessment bank, and professional development initiatives. (2009/2010 2011/2012)



*Timeline and budget covering the acquisition, implementation, interoperability provisions, maintenance, and professional development related to the use of technology to improve student academic achievement.* 

Three year technology budget is provided below. Additionally, consideration of the need for additional resources will be evaluated by Director of Technology, Business Manager, Superintendent and Board of Education during 2010/2011 and 2011/2012

3-Year Technology Budget Plan			
Operating Budget	2009/2010	2010/2011	2011/2012
Salaries and Benefits	203,600	209,700	216,000
License agreements and fees	5,000	5,000	5,000
Hardware and networking costs	34,000	34,700	35,400
Professional development	73,600	73,600	73,600
Maintenance and service costs	1,200	1,200	1,200
Total	\$317,400	\$324,200	\$331,200



Section 14: FUNDING AND BUDGET: COORDINATION OF RESOURCES

Strategies that will be employed to coordinate state and local resources to implement activities and acquisitions prescribed in the technology plan.

Much support for coordination of state and federal funds is provided through participation in the Ottawa Area ISD consortium. Our Director of Technology, Business Manager, Curriculum Director and High School Principal participate in active affiliate groups that provide opportunities for additional partnerships, information about regulations and funding opportunities, and coordination of resources.

The current status of local and state economy and static student enrollment make allocation of resources more challenging and identification of additional resources more difficult. The Board of Education appointed a Facilities Study Committee to review the needs of the district in light of legislative requirements for kindergarten, economic pressures, and the communities desire to maintain strong academic programs. The committee has conducted surveys and held community

forums over the past nine months. It is anticipated that this committee will recommend a bond election in November, 2009 that will include funding for technology replacement and upgrades.



Strategies that the district will use to evaluate the extent to which activities are effective in integrating technology into curricula and instruction, increasing the ability of teachers to teach, and enabling students to reach challenging state and national academic standards.

Evaluation of district goals, including the technology plan, is part of the ongoing improvement process. Goals and progress are monitored at the building and district level by school improvement teams, administrators and board of education. These reviews are generally conducted quarterly at the building level and annually at the district level.

Strategies for evaluation of the effectiveness of integrating technology into curriculum and instruction, teachers' ability to teach using technology tools and resources, and student demonstration of academic standards:

- End of year review by grade level and department chairmen of common lessons/assignments integrating technology that have been developed and included in curriculum plan/map (see Sections 4 and 5 above). (2009/2010 2011/2012)
- Assessment of Tech Hawkeyes/Geektopia participant projects and presentations to colleagues. (2009/2010 2011/2012)
- Analysis of staff requests for additional technology resources (based need and use). (2009/2010 2011/2012)
- Analysis of results for 5<sup>th</sup> grade and 8<sup>th</sup> grade technology assessments to chart growth and identify areas for improvement. (2009/2010 2011/2012)
- Survey of staff technology skills and application of skills in instruction. (2009/2010 2011/2012)
- Yearly review of progress on goals of Technology Plan by Director of Technology, building principals and curriculum director with plan for meeting or modifying unmet goals. Report to superintendent and board of education. (2009/2010 2011/2012)



Strategies are in place to monitor the district's Acceptable Use Plan for staff and student use of technologies.

Internet filtering is provided by the Ottawa Area Intermediate School District, our ISP.

The board approved Acceptable Use Policy is reviewed annually with students and parents. It is a component of each student handbook and is posted on the district website. Adherence to this policy is monitored by teachers and administrators.

Staff members agree to the district acceptable use policy as part of the employment procedures. The Ottawa Area ISD Internet Acceptable Use Policy must be signed by all employees who have email accounts.

The Hamilton Community Acceptable Use Policy is attached.



# HAMILTON COMMUNITY SCHOOLS TECHNOLOGY CODE OF ETHICS



One of the privileges of students and staff at Hamilton Community Schools is that of using the computers, printers, televisions, VCRs and other forms of technology which are available. The use of these resources is intended to facilitate learning and enhance educational information exchange, which are consistent with the purposes of the school. The following are the responsibilities, which students and staff must assume in order to use these resources:

- Users are responsible for using school technology only for facilitating learning and enhancing educational information exchange consistent with the purposes of the school. Users must adhere to the rules established by the Technology Coordinator, district administrators, classroom teachers and/or the Board of Education.

- Users are responsible for preventing pornographic and sexually offensive material; inappropriate text files, or files dangerous to the integrity of the school's network, equipment or software from entering the school network.

- Users are responsible for preventing the malicious use of the technology (i.e. causing disruption in the use of technology by others, harassing or discriminating against others, accessing unauthorized computer systems.).

- Users are responsible for keeping hardware and software from being relocated, removed from school premises, or modified without permission from the Technology Coordinator.

- Users are responsible for not using district technology for private business, for product advertisement or political lobbying, or for making unauthorized financial commitments.

- Users are responsible for maintaining the privacy of passwords and are prohibited from publishing or discussing passwords or using another person's password.

- Users are responsible for obtaining permission from the Technology Coordinator before bringing in their own software and using it on school equipment.

- Users must continue to abide by normal academic policies as established by administrators, teachers and Board of Education.

NAME

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The Children's Internet Protection Act (CIPA) directs school districts to protect children from obscene or inappropriate material on the Internet or material deemed harmful to minors. To comply with this law, the Ottawa Area Intermediate School District has installed an electronic internet filtering device, 8e6 Technologies, to filter obscene and objectionable material. All school districts and buildings using OAISD as their internet provider are automatically filtered.

# Technology Inventory April, 2009

Teachers, C	ounselors and Prin	<u>ncipals</u>		
Quantity	Model	Details		Mod#
Computers				
173	A1226	2.2GHz Core 2 Duo/2GB/128MB VRAM/120GB/ MacBook Pro		MA895LL/A
<u>Bentheim E</u>	<u>lementary</u>			
Quantity	Model	Details		Mod#
Computers				
14	**	iMac 400-500MHz		
2	M8655LL/B	G4-700/256/40/CDROM/USB/FW/110V		A1002
1	1PM8894LL/B	G4-700/384/40/CDRW/USB/FW/110V		A1002
2	1PK1000LL/A	500/IN/256 L2 Cache/256 SDRAM/ 20GB HD/CD-RW//RUltra/56K Modem		M5521
1	**	Power PC G3/233 MHZ/512K Cache/288MB /40 GB HD/24XCD-Rom/10-100 etnet		**
1	MA092LL/A	PowerMacbook Pro 17", 2.16 GH intel core duo/1GB/256mb vram/120GB-5400rpm/		MA092LL/A
13	M2453	300Mhz/64mb/6gb/CD-rom		M2453
4	1PK0979LL/A	500MHZ/256/L2 Cache/128SDRAM/10GB HD/DVD/56K modem/w/case		iBook
31	A1181	1.83/2x256/60/Combo/Intel Core Duo MacBook		MA254LL/A
Printers	Part No#	Model		
1		HP 6210		
1		Richoh Color Jet		
1		Brother MFC All in One		
1		Sharp All in One		
1	11010001	LaserWriter 16/600		
2	HP1300N	HP LJ1300N		
l		HP Laserjet 4100		
Data Projector				
14	Epson and Nec I	Mounted		
2	Epson and Nec o	on Carls		
Blue Star E	lementarv			
Quantity	Model	Details	Mod#	Brand
Computers and	nerinherals		110000	Drana
18	1PK1000LL/A	500/IN/256 L2 Cache/256 SDRAM/ 20GB HD/CD-RW//RUltra/56K Modem	M5521	Apple
1	M8655LL/B	G4-700/128/40/CDROM/USB/FW/110V/eMac	A1002	Apple
1	**	400mhz/13gb/56k/Special edition128MB	M5521	Apple
6	**	64MB 2gb cd-rom		- PP
1	SUA1000RM2U	Rack Mounted UPS Unit	***	APC
1	VLCDS23719-4W	ViewSonic 17" Thin Ledge Digital MM LCD Display	***	ViewSonic
1	**	500mhx/193mb/Power PC G3/10GB/CD Rom	**	Apple
1	**	800mhz/G4/128MB/30GB HD/CD Rom/Airport card/ fe	**	Apple
1	**	500mhz/256MB/10GB HD/CD/DVD Rom/Airport Card	M6497	Apple
1	**	460Mhz/128MB/G3/10GB/cdrom/airportcard/	M6411	Apple
32	A1181	1.83/2x256/60/Combo/Intel Core Duo MacBook		MA254LL/A
Printers				
1	Q2426A	HP4200N	**	H/P
1	**	Elite 12PPM	**	GCC
1	**	Latitude D600/512mb/dvd/stg 9GWF851/RSC 20612957941	PNY4015 A00	Dell
1	C8962A	HP 5150		
1	HP4250	HP4250N		
1	HP	HP6200		
Data Projector	EL D. 5250110			F
1	ELP-5350US	With Hard Case and 25ft Video Cable		Epson
14		Epson and Nec Mounted		
1		SmartBoard short		
Hamilton F	lomontary			
TIMMUUUU D	1CMCMUIV			

munuon Li			
Quantity	Model	Details	Mod#
Computers			
23	1PK1000LL/A	500/IN/256 L2 Cache/256 SDRAM/ 20GB HD/CD-RW//RUltra/56K Modem	M5521
2	M8655LL/B	EMac G4-700/128/40/CDROM/USB/FW/110V	A1002
1	1PM8894LL/B	G4-700/384/40/CDRW/USB/FW/110V	A1002
1	M8655LL/B	G4-700/128mb+/40/CDROM/USB/FW/110V/512mb chips added 61206rc/	A1002
1	**Used	400MHZ/40GB HD/CD/256mb	**
1	**	Power PC,G3,233 MHZ,512K Cache,160 MB (orig 32 MB),4gb HD, 24x CD, 10-100 Ethernet	

2	**	PM5200/75LC/TV Tuner/Video card/Main done 61003.	**
1	1PK1030LL/A	500/IN/256SDRAM/20G/CDRW/Ultra/56k MDM/FW/VGA	M5521
26	clamshell ibook		
2	1PK1001LL/A Apple	500MHZ/256/L2 Cache/128SDRAM/10GB HD/DVD/56K modem/w/case	iBook
33	A1181	1.83/2x256/60/Combo/Intel Core Duo MacBook	MA254LL/A
Printers			
2	HP	HP4250	
1	HP	HP4350	
1	HP	HP4101	
1	HP	HP1320	
1	HP	HP2727	
Data Projectors			
1	ELP-5350US	With Hard Case and 25ft Video Cable	
15	Epson and NEC Mounted		
3	Epson and NEC o	n Carts	

#### Sandy View Elementary

Quantity	Model	Details	Mod#
Computers			
7	1PK1000LL/A	500/IN/256 L2 Cache/256 SDRAM/ 20GB HD/CD-RW//RUltra/56K Modem	M5521
1	**	Indigo/400MHZ/10GB/CD/128MB SDRAM/MDM/US English/ KYBD\MAC OS	M5521
1	M8655LL/B	G4-700/256/40/CDROM/USB/FW/110V	A1002
1	M8655LL/B	G4-700/128/40/CDROM/USB/FW/110V	A1002
1	1PM8894LL/B	G4-700/384/40/CDRW/USB/FW/110V	A1002
17	clamshell ibooks	Orange I-Book/	
1	1PK1001LL/A	500MHZ/256/L2 Cache/128SDRAM/10GB HD/56K modem/w/case	iBook
31	A1181	1.83/2x256/60/Combo/Intel Core Duo MacBook	MA254LL/A
Printers	Part No#	Model	
1	C9707A	HP Color LJ 2500N	
1	HP	HP1320	
1	GEC	GEC1200	
1	HP	HP6000 Series	
Data Projector			
2	Epson and Nec Mour	nted	
2	Epson and Nec on Ca	arts	

Mod#

#### Hamilton High School

Quantity	Model	Details
Computers		
100*	1PM7669LL/A	500/IN/256 L2 Cache/256 SDRAM/ 20GB HD/CD-RW//RUltra/56K Modem
1	M895111/A	G4-1GHZ/256MB/80/Superdrive/56K/110V
80*	M8655LL/B	G4-700/128/40/CDROM/USB/FW/110V
1	1P7001648192000010	Power Mac G4 733mhz,256mb,zip drive, dvd - r plus D r/rw,nv11,gigbit,mdm,kybd,mac
os9/mac os X	M5183	Apple
3	**	Power PC G3 233 MhZ/512K cache/256MB Upgrade/10 GB HD Upgrade/24XCD 21
3	M8578LL/B	G4-700/128/40/Combo/56K/USB/FW/110V
1	M8655LL/B	G4-700/128mb+/40/CDROM/USB/FW/110V/512mb chips added 61206rc/
4	M9835LL/A	17CRT/1.42GHZ/1GB upgrade from 512MB/160BG HD/SD/56K-USA
2	M8535LL/B	800/256/60G/SuperDR/GEF2/spk
1	**	300Mhx/512K Cache/128MB SDRAM/6GB HD/CD-ROM/ZIP/AV/KB
4	1PK0979LL/A	500MHZ/256/L2 Cache/128SDRAM/10GB HD/DVD/56K modem/w case
Data Projectors		
v	Model	INFO
36	Varies	Epson and NEC 30 room mounted 6 checkout
Printers		
1	**	H/P DeskJet 5550 Color Printer
8	1PC8050A	H/P Laserjet 4100n1200DPI,100-127V
1	HP	HP P1006
1	HP	HP5150
Hamilton Mid	dle School	

Quantity Model

Details

Computers 3 150* 18*		Apple MacBooks 500Mz 500/IN/20G/CDRW/192MB/RUltra/56K/FW/VGA/APR/Mac OS 10/ Mac OS X G4-700/128/40/CDROM/USB/FW/110V
Date Projector 1 10 21	ELP-5350US Epson and Nec M Epson and Nec o	With Hard Case and 25ft Video Cable Jounted n Carts

#### Printers

1	C7044a	H/P Lasjet 1200 Series
2	**	HP 4600C
1	Q2426A	HP Laserjet 4200/4300
6	HP	HP4100