

Technology Department

Bob Pattison - IT Director

Joe Thomas – PC Technician

Julius Ramirez – PC Technician

Budget - \$184,013

What do we do?

- 1200 computers
- 139 printers
- 136 SmartBoards and software
- 167 LCD projectors
- 550 email and network user accounts
- Email archival
- Listserv accounts
- 12 servers
- All domain related issues
- Windows active directory structure
- -DHCP
- -DNS
- -WINS
- -domain security policy
- WSUS
- Server synchronization
- 94 network switches
- Licensing
- Budget
- Tech plan
- E-rate
- VPN with town
- Storage area network
- Tapeless backup system
- Supplies for copy and riso machines
- Cafeteria point of sale system
- SES internet connection
- Video distribution systems
- Auditorium sound, lighting and video
- Data Warehouse
- Voice mail hardware
- Administrator's Plus
- Sophos Anti-virus
- SQL databases
- Edline
- Snap
- Gradequick
- Minitab
- Dreamweaver
- Firewall
- Intrusion detection
- CIPA compliant content filter
- Microtype
- Interface between all relevant software
- Site Reporter
- AlertNow
- Microsoft Office
- Nutrikids
- Concourse
- Opac
- EzCat
- Symantec Ghost
- Naviance
- Pickatime
- Scratch
- Blackberry software
- Synchroneyes
- language lab software
- Sun viewer - Heliotronics
- Geometer's Sketchpad
- Sam & Tom
- Kurzweil
- Inspiration
- Ed tech software
- Adobe contribute

Milton vs. Massachusetts Tech Ed Recommendations

Standard	Recommendation	Milton (current)
■ Staffing for technology integration	1 FTE per 80 teachers	.02 for 300
■ Computers to student ratio	less than 5 to 1	3.6 to 1
■ Average pc replacement policy	4.9 years	6-7 years
■ Technical support	1 FTE per 200 computers	2 FTE / 1200 computers
■ Digital projector	1 for every 3 classrooms	1 for every 1.5 classrooms
■ Interactive Whiteboard	1 for every 8 classrooms	1 for every 2 classrooms
■ Internet connection speed	100 Mbps per 1000 students	10 Mbps per 3800 students
■ IT director	1	1
■ Network administrator	1	0

Significant Losses over last 4 years

Network Administrator

PC Technician

Priorities for next year

- Additional SmartBoards and professional development
- Increase Internet bandwidth
- Continue to replace aging computers to get closer to the 5 year replacement cycle goal
- Replace aging servers
- Automated inventory control software

Recommended additions to the Technology Budget FY11-12

ITEM OR SERVICE DESCRIPTION	QTY	COST	TOTAL
additional smartboard installations	30	\$4,821	\$144,630
district wide pc's	148	\$535	\$79,180
server replacement	3	\$5,100	\$15,300
additional firewall	1	\$14,300	\$14,300
additional Internet bandwidth	2	\$7,800	\$15,600
server virtualization	1	\$27,500	\$27,500
		TOTAL	\$ 296,510