

## Maranacook Area Schools Technology Status Report

1996-2011

Goals	Steps	Timeline	Status	Comments
Establish an ongoing Technology Committee to oversee the technology plan.	<ul style="list-style-type: none"> <li>• Discuss, plan, make recommendations regarding technology to School Committee</li> </ul>	1996-2004	Met Expectations, ongoing	This committee was primarily formed as a requirement for Technology grants with state...now it is called together as needed.
	<ul style="list-style-type: none"> <li>• Oversee the implementation of the Technology Plan</li> </ul>	1996-2004	Met Expectations, ongoing	
	<ul style="list-style-type: none"> <li>• Make budgeting and directional decisions regarding the Technology Plan</li> </ul>	1996-2004	Met Expectations, ongoing	
		2004-2007	Met Expectations, ongoing	
Create an accessible community network for sharing and obtaining informational resources.	<ul style="list-style-type: none"> <li>• Open access to the District Bulletin Board Service (BBS) in order to service the entire community</li> </ul>	1996-1999	Exceeded expectations.	100% of staff uses this form of communication on a daily basis. We now have information posted on web through the use of First Class services, as well as, some staff has homepages with this system. This system also manages the internet mail. Phone systems were also installed in each classroom in the entire district to enhance communication. District website has grown so that all programs and most teachers now have their own websites that they update and maintain.
	<ul style="list-style-type: none"> <li>• Initiate Local Area Networks within each school building</li> </ul>	1996-1999	Exceeded expectations.	
	<ul style="list-style-type: none"> <li>• Conduct Adult Education sessions to instruct on the use of e-mail</li> </ul>	1994-1995	Met Expectations	
	<ul style="list-style-type: none"> <li>• Maintain BBS and internet gateway</li> </ul>	1996-2004	Met Expectations	
	District website contains all information regarding the district, Central Office, School Board, each individual school, Adult Education, Technology, Special Education and much more.	2004-2007	Exceeded Expectations	

Acquire hardware / software needed to integrate technology Maine Learning Results.	<ul style="list-style-type: none"> <li>• Work towards establishing one multimedia workstation in each classroom or content area setting at the elementary level</li> <li>• Establish internet connectivity in classroom via modem</li> <li>• Work towards establishing technology-rich classrooms and state of the art labs at the secondary level</li> <li>• Obtain software needed to support the curriculum</li> <li>• Establish direct Internet connectivity in each classroom setting via 56k line</li> <li>• Work towards establishing one multimedia workstation for every four students</li> <li>• Create teaching stations with computer systems connected to TV sets for whole class instruction</li> <li>• Purchase necessary hardware to allow for multimedia presentations at each school setting using laptop computers and a projector</li> </ul>	1994-1995	Met Expectations	MLTI has allowed all students in grades 7 and 8 to have one to one computing along with their teachers. The district decided to purchase computers for those middle school teachers that did not receive one as a result of MLTI. Technology Integration Specialist was hired to work with Middle School teachers to support them in this endeavor.  Wayne Elementary School purchased a mobile lab; other elementary schools established a computer lab. High School purchased a mobile lab and maintained computer labs.  Purchased many more wireless laptops to allow for one to one computer with teachers and students.
		1994-1995	Met Expectations	
		1995-1996	Met Expectations	
		1996-2001	Met Expectations	
		1995-1996	Exceeded Expectations	
		1996-2001	Met Expectations	
		1996-2001	Did not meet expectations (not cost effective at this time)	
		1996-2001	Met Expectations	
2004-2011	Ongoing work			
Use technology to integrate State of Maine Learning Results with the curriculum in all content areas	<ul style="list-style-type: none"> <li>• Become familiar with the State of Maine Learning Results</li> <li>• Form curriculum committees with a facilitator for each content area</li> <li>• Create a technology curriculum that integrates the State of Maine Learning Results</li> <li>• Union Board approval of technology curriculum</li> <li>• Development of Assessment tools for Technology Curriculum</li> <li>• Work towards establishing 1:1 student/computer ratio as recommended by Governor, which would be available to use with whole classes</li> </ul>	1996-1997	Met Expectations	Learning Results Coordinator was hired to assist with this enormous task.  Powerschool was purchased to allow district to organize, sort and work with data including grades, lunch info, attendance, historical data, and standards.  Continue to work on meeting state guidelines of 1-1 computing for students and teachers.
		1997-1998	Met Expectations	
		2006-2007	Met Expectations	
		1997-1998	Met Expectations	
		2000-2004	Ongoing work	
		2007-2011	Ongoing work	
	Ongoing work			

<p>Implement staff development opportunities</p>	<ul style="list-style-type: none"> <li>• Determine technology skills K-12</li> <li>• Create a technology curriculum that integrates the State of Maine Learning Results</li> <li>• Offer ongoing assessments of staff needs and implement appropriate workshop experiences</li> <li>• Provide for release time to learn new skills needed for integrating technology into the curriculum</li> <li>• Provide instruction to staff on the new technology curriculum</li> <li>• Develop assessment strategies for each performance indicator</li> <li>• Provide online internet classes that focus on the necessary skills in educational technology</li> <li>• Provide instruction to staff on the technology curriculum and related skills (Quickshops)</li> </ul>	<p>1995-1996 1996-1997  1996-2001  1996-2001  1997-2000  1997-2004  1999-2000  2000-2004  2004-2007 2007-2011</p>	<p>Met Expectations Met Expectations  Met Expectations  Met Expectations  Met Expectations, ongoing  Did not meet expectations, ongoing Did not meet expectations  Exceeded expectations, ongoing Exceeded expectations, Ongoing</p>	<p>Technology Curriculum has been updated to meet the needs of the new middle level classes. Quickshops have allowed staff to learn technology skills to enhance curriculum and job performance. 1998-1999 - 20 different participants spending 70.5 hours 1999-2000 - 18 different participants spending 57.5 hours 2000-2001 - 27 different participants spending 78 hours 2001-2002- 50 different participants spending 106 hours 2002-2003- 46 different participants spending 156 hours 2003-2004- 66 different participants spending 202.5 hours 2004-2005- 81 different participants spending 227 hours 2005-2006- 107 different participants spending 256 hours 2006-2007- 109 different participants spending 268.5 hours</p>
<p>Establish Keyboarding classes in each elementary school in the district beginning at grade three.</p>	<ul style="list-style-type: none"> <li>• Hire an Educational Technician III for each school to teach keyboarding skills</li> <li>• Purchase Alphasmart keyboards in those schools that do not have a lab setting.</li> <li>• Purchase Keyboarding texts</li> <li>• Review keyboarding programs across the district at grades 3-5</li> </ul>	<p>1995-1999  1996-1999  1996-1999 1999-2004  2004-2011</p>	<p>Met Expectations Met Expectations  Met Expectations Exceeded Expectations, ongoing Ongoing work</p>	<p>Each elementary school has an Educational Technician III Computer Technology at a pay rate higher than other ED TECH III staff.</p>

<p>Develop Acceptable Use Policy for Electronic Resources</p>	<ul style="list-style-type: none"> <li>• Establish committee to review policies from around the country</li> <li>• Determine need and create document</li> <li>• Submit policy for board approval</li> <li>• Create awareness sessions for all staff members</li> <li>• Send document home with each student for signature</li> <li>• Require every employee to sign policy</li> <li>•</li> <li>• Require all new employees to sign policy</li> <li>•</li> <li>• Use N2H2 Internet filtering until MSLN2 has installed filtering for schools at no cost.</li> </ul>	<p>1994-1995</p> <p>1995-1996</p> <p>1995-1996</p> <p>1996-1997</p> <p>1996-1997</p> <p>1999-2000</p> <p>2000-2004</p> <p>2000-2004</p> <p>2004-2011</p>	<p>Met Expectations</p> <p>Met Expectations</p> <p>Met Expectations</p> <p>Met Expectations</p> <p>Met Expectations</p> <p>Met Expectations, ongoing</p> <p>Met Expectations, ongoing</p> <p>Met Expectations, ongoing</p> <p>Met Expectations, ongoing</p>	<p>Policies regarding educational technology are reviewed annually and updated based on advice of Maine School Management and lawyers specializing in this area of the law. All policies are posted on the internet for easy access.</p> <p>All computers in the district have static IP address to clearly identify each on the internet.</p>
<p>Establish a service and maintenance plan for all hardware in the district.</p>	<ul style="list-style-type: none"> <li>• Attend a presentation from local vendors of this service</li> <li>• Determine district need for maintenance service and amount in budget in past year for maintenance of hardware</li> <li>• Decide on vendor based on district need</li> <li>• Contract with Word Wrap for all service and maintenance needs</li> <li>• Review Word Wrap contract prior to renegotiations</li> <li>• Contract with Word Wrap was not renewed</li> <li>• Hire our own technician 4 days a week</li> </ul>	<p>1995-1996</p> <p>1995-1996</p> <p>1995-1996</p> <p>1995-2004</p> <p>2000-2004</p> <p>2004-2007</p> <p>2007-2011</p>	<p>Met Expectations</p> <p>Met Expectations</p> <p>Met Expectations</p> <p>Exceeded Expectations, ongoing</p> <p>Met Expectations, ongoing</p> <p>Met Expectations</p> <p>Ongoing</p>	<p>This service is reviewed annually and has been extremely successful in the past three years. Repairs usually take less than one week to complete.</p> <p>In 2007, we created a new district position of Computer Repair Technician for 4 days per week.</p>
<p>Maintain all hardware and systems with a district employee hired to do all repairs.</p>	<ul style="list-style-type: none"> <li>• Purchase a multimedia projector for the elementary schools and for Maranacook Middle School</li> <li>• All buildings now have at least one projector and the High School and Middle Schools have at least 3. Purchase Mimio for interactive use with computers and projectors</li> </ul>	<p>2000-2004</p> <p>2004-2007</p> <p>2007-2011</p>	<p>Met Expectations, ongoing</p> <p>Met Expectations</p> <p>Ongoing</p>	<p>We presently have a projector in every school and they are in use on a daily basis. Each lab has one in place for whole class instruction. Many of the schools have more than one projector for use. Capacity has been increased at High School and Middle School level.</p>
<p>Share student work with other students, teachers, and community</p>	<ul style="list-style-type: none"> <li>• Purchase additional Airport wireless access points for each elementary school and a Gateway access point for the high school.</li> <li>• Ensure that all school buildings have wireless networks setup throughout.</li> <li>• Upgrade wireless access points as technology changes or as needed.</li> </ul>	<p>2000-2004</p> <p>2004-2007</p> <p>2007-2011</p>	<p>Met Expectations, ongoing</p> <p>Met Expectations.</p> <p>Ongoing</p>	<p>We have wireless access over 100% of the school at the middle school and in Wayne. The other schools have limited access to wireless technology. All Schools now have 100% wireless networks throughout their buildings.</p>

Develop a web site that allows students, staff and community to get current and relevant information regarding district events, curriculum, calendar, job opportunities, internet resources, policies, etc.	<ul style="list-style-type: none"> <li>• Purchase a web server.</li> </ul>	2000-2004	Met Expectations, ongoing	The web site is constantly being updated. Employees are now forwarding information to have it posted. The high school has a student working on the site. First Class has also allowed many users to have current info through email. Many teachers now have their own classroom websites. To date, 62 staff have been trained on website design.
	<ul style="list-style-type: none"> <li>• Purchase RWD to allow for teachers to create their own class websites</li> </ul>	2004-2007	Exceeded Expectations,	
	Continue to offer professional development opportunities and refresher classes to support teachers and other staff.	2007-2011	Ongoing	