



Leisha Simon, Technology Director  
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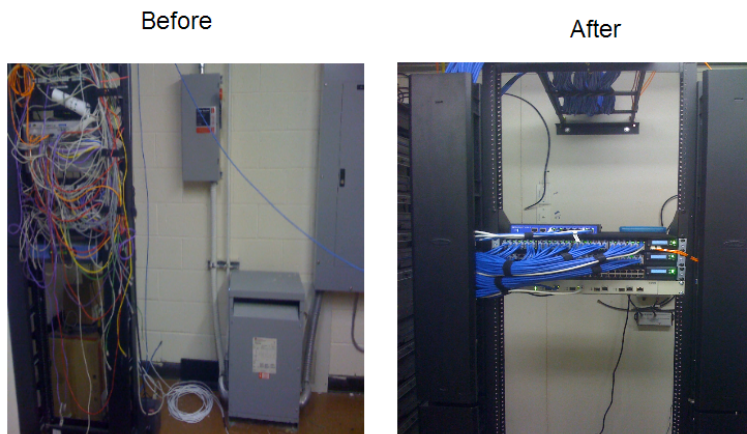
The vision and planning of the Technology Task Force has been to support the mission statement of Wayland Public Schools as it relates to the use of technology and focuses on providing resources to meet the needs of our 21<sup>st</sup> century digital native learners. Our goal is to provide technology rich teaching and learning opportunities for all our lifelong learners, our staff and our students.

To achieve this, all our Technology Planning for Wayland Public Schools is committed to providing access to:

- ❖ an enterprise class infrastructure (network, hardware, software) that maximizes learning opportunities and provides connectivity to the global community;
- ❖ appropriate resources and support for the advanced use of technology in teaching and learning;
- ❖ relevant and ongoing professional development to foster the meaningful integration and innovative use of technologies to meet the needs of diverse learners; and
- ❖ a dynamic website to promote communication and interaction with the Wayland Community.

This year the network design has been re-engineered at the High School and Middle School and includes an upgrade to the hardware equipment, the wired and wireless architecture, along with a manageable secure and safe interface that is industry best practice and scalable to meet the needs of our growth. Bandwidth has increased through the installation of Verizon FiOS at both schools. Funding has been set aside to complete this upgrade at Clay-pit Hill, Happy Hollow and Loker Schools with a combination of the FY09 and FY10 capital budgets.

Through the generous donations of the Wayland Public Schools Foundation, we have continued to upgrade the classrooms with the integration of projectors, document cameras



and interactive whiteboards for teaching and learning. Professional development on the use of software to integrate these technologies into the curriculum was delivered and is ongoing.

An online District Professional Development initiative to enrich course offerings through blended learning using online resources has been offered through the development of the WPS Professional Development Wiki. This was also supported by the purchase of access to Atomic Learning online resources for all staff and students. Atomic Learning provides web-based software training to staff and students that supports 21<sup>st</sup> century skill integration. This blended learning initiative will continue with the launching of Wayland's first Digital Boot Camp to be held for staff the first three weeks of August 2009. This professional development initiative will continue through the FY10 school year. Another online initiative that I supported for next year was the Virtual High School initiative for Wayland High School students.



NCLB Grants have been submitted; SIMS and EPIMS reporting has been completed; plans for launching iParent and elementary report cards in iPASS have begun, ERATE has been filed; a new online payment system for Athletic Fees and METCO has been launched. We hope to expand on the use of online payments next year for other school-related collections. A new system to support staff has been developed through the creation of our HELP DESK and email and telephone support schedule of services.

Current research for FY10 plans include a pilot to move Email to Gmail with an out-sourced option for supporting our staff email system and to allow us to use Google Applications for Education to encourage the use of Web 2.0 collaborative tools. An ongoing assessment with the PTOs on the possibility of using EdNets as a fundraising opportunity and website content management application is being conducted. We are assessing the upgrade of two major software applications in the District, Lexia Learning and the Library Management System from Follett to Destiny, both being web-based solutions. These assessments are part of the ongoing plans for the FY10 data center upgrade. Currently that assessment includes the review of installing a dedicated fiber solution to connect all of our school buildings. We are communicating with the Town on this assessment to identify a solution that would meet all our data upgrade needs for now and well into the future.

Finally, we are reviewing cutting edge technologies, server virtualization, thin client computing, netbooks and tablet PCs to position Wayland Public Schools to offer the best 21<sup>st</sup> century computer resources for today and well into the future, current with best practices, and all that are scalable and manageable. The data center consolidation planned for FY10 provides a much greener solution for managing computer resources from a central location using substantially fewer servers and resources and becoming more efficient with maintenance and management.