

**William E. Norris School  
Southampton Massachusetts**

**TECHNOLOGY PLAN**

**2010-2013**

**Mission Statement:** The William E. Norris School is committed to teaching and empowering students as capable, confident and responsible users of technology. To this end the school is committed to students' developing computer literacy skills for learning, productivity, creativity and communication.

**Vision:** Today's students are tomorrow's promise. As the digital age matures, students' technology skills and ability to adapt to change becomes increasingly important. The William E. Norris School will prepare students for life long learning in a multicultural, intergenerational & multinational society bonded in part by technology.

The William E. Norris School will encourage the best instructional methods and practices to create an educational environment in which:

- Students and teachers use computer technology easily and without fear, as a tool for gaining and applying knowledge.
- Computer technology is used to broaden horizons, recognize and appreciate diversity, and to facilitate contact across communities, cultures and countries.
- Teachers have the resources, time and training they need to serve as models for the effective and ethical use of technology.
- Computer technology is well integrated into the entire curriculum.
- Technology is readily and equally accessible to all students and teachers.
- Students understand the practical applications of technology.
- Computer technology extends beyond the school's walls to reinforce connections with homes businesses and other community facilities.

**Goal:** To integrate technology into classroom instruction and use technology as means to increase student learning in all facets of education.

**Objectives:**

1. To update technology, hardware and software, in order to meet and exceed all state of Massachusetts criteria. The plan will serve as a tool to guide future technology expenditures.
2. To develop curriculum goals, plan professional development, and outline budgetary requirements for providing technology integration in students' educational experiences.
3. To increase access of appropriate equipment and software to students and teachers supported by ongoing professional development of teachers and student learning opportunities.

**Funding Sources:**

The William E. Norris School recognizes that technology is an ongoing budget item. The eRate program is an essential funding source for the school's Internet connectivity related costs. eRate dollars represent approximately 10% of the technology budget. Fiscal operational funds, the Town's Capital Improvement Fund and various grants cover the other 90% of the technology budget.

## **TIME LINE**

### **2010 – 2013 : On Going Yearly Efforts**

- Maintain the three mobile computer labs for classroom instruction and use these computer resources to implement a Universal Design for Learning (UDL) model, which includes a wide variety of assistive technologies.
- Maintain professional development opportunities focusing these offerings on using technology to meet the state curriculum standards.
- Use low tech, mid range, and high tech devices for enabling access to the curriculum. The outcome of this effort will include: Improvement in student learning as measured by standardized test scores, Changes in instructional practice and classroom environments to accommodate learners with disabilities & increased student motivation.
- Maintain computerized system of record keeping and information sharing. This includes attendance, special education, report card.
- Maintain computerize security check-in / check-out system.
- Continue training in the use of centralized system of computerized record keeping for attendance and reporting. This effort is designed to fulfill DOE requirements and help the school interact and share pertinent information with other district schools and office of the superintendent.
- Continue SEMSNET for Individual Education Plans.
- Continue ConnectEd as a school/home communication tool.
- Continue curriculum integration work and professional development.
- Promote the effective use of MassONE as a collaboration and sharing tool.
- Promote the effective use of DESE's Data Warehouse as an MCAS result evaluation tool to assess student achievement.
- Promote on-line access of Math curriculum (where available).
- Maintain updated school website to promote effective community communications.
- Evaluate and update technology plan.

## **2010-2013**

- Transfer a percentage of technology funding from grants to school budget.
- Purchase/update/maintain software (e.g. KidPix, SuccessNet, Kidspiration/Inspiration, Keynote, BrainPop, etc..) to facilitate access to the curriculum.
- Procure and install an additional laptop cart for use in the classrooms.
- Procure and install additional Promethean Boards in the classrooms.
- Replace old desktop teacher computers with laptop computers.
- Promote various Technology PD opportunities for teachers.
- Procure document cameras
- Implement online collaborative calendaring system
- Replace network server
- Provide additional interactive whiteboard training for lower grade levels.
- Procure document cameras.

### **Hardware Rotation Plan:**

Computer equipment has a limited useful life. The Southampton School District plans to replace computer equipment older than five years. To achieve this result, the district plans replacement of 20% of the total computers within the school each year. The school principal will explore possibilities of rotating usable computing equipment to create labs and common access. An inventory database of technology equipment will be kept and used for the long-range budget planning of hardware, infrastructure, and rotation.