

Goal 1 Technology Support for Teaching and Learning	Provide students, teachers and staff with increased access to innovative technology resources, including assistive technologies, which also expand the boundaries of our school walls and support all aspects of teaching and learning in the 21st Century.
Strategies 2011-2014	<ul style="list-style-type: none"> - Provide students and teachers with access to software and programs that will report individual student progress and assistance with learning. - Increase the use of technology for the purposes of providing differentiated instruction and individualized, targeted practice or remediation of skills and/or providing more challenging opportunities for those students who are ready to advance. - Increase the number of projectors, interactive whiteboards and document cameras available to teachers, ultimately resulting in one per classroom. - Incorporate Web 2.0 tools into curriculum (web blogs, podcasts, discussion boards). - Continue to implement and pilot use of handheld devices in large group instruction. - Increase the number of wireless access points in district’s buildings. - Increase the district’s ability to video conference. - Provide consideration and support for teacher generated project ideas that incorporate technology. - Identify in district “experts” in the area of assistive devices for the purposes of turnkey training and workshop instruction. - Evaluate and implement assistive devices and software that help students achieve academic success. - Make new devices mobile, allowing all teachers equal opportunity and access.
Goals Met 20010-2011	<ul style="list-style-type: none"> - Increased access to interactive white boards, document cameras and installed projectors in all buildings. <ul style="list-style-type: none"> • WMHS new science wing – 22 classrooms equipped with projectors and interactive boards. • Elementary Health rooms – 5 classrooms equipped with projectors and interactive boards. • Tech Pilot Program – 16 teachers district wide received laptops, projectors, document cameras and professional development. - Installed new interactive whiteboards in HS Technology. - Installed new Digital Photography labs and Digital Music labs at each JH - Installed new projectors in all new secondary Art and Music rooms. - Provided JH Science with document cameras and wireless slates called “Mobi’s”. - Piloted the use of interactive, blue tooth pens for use when a white board is not available. - Replaced oldest set of 28 laptops with 28 netbooks at each of the 5 elementary schools. - Completion of nComputing (desktop virtualization) in all elementary classrooms. - Work closely with and support the Assistive Technology teacher to train teachers, students and parents with existing and new technologies including the implementation of My Study Bar, the iPad and video conferencing to assist students with specials needs and the PPS dept. - Support increased use of Moodle in all grade levels to support Web 2.0 tools. - Completed Phase 1 of wireless overlay at WMHS. - Installed and manage 2 Read 180 labs at each junior high school. - Publish Weblogs in each of the secondary Information Centers, as well as, a District wide Blog that provides teachers & students with current links for their class projects. - Provide students and teachers with multimedia, online resources via DML. - Update Citrix network and expanded remote users to include WMHS students. - 3V Educational Foundation & SEPTA mini grants awarded to teachers to increase their access and uses of instructional tech. - Expand access to Naviance program to students in 9th grade (Career and College prep)
Professional Development	<ul style="list-style-type: none"> - Each Technology Pilot teacher received 30 credit hours of professional development over the course of the school year. - Technology component at each grade level meeting (K-6) included training in Campus Gradebook, Campus Messenger, Office 2010, use of the netbook and Podcasting. - Assistive Technology teacher taught workshops in My Study Bar, met one on one and provided assistance to teachers, parents and students in all aspects of adaptive and assistive tech devices. - Train all HS science teachers in the use of the Polyvision interactive board and EasiTeach software. - Provide staff with catalog of available resources and updates on what’s new in the district. - Provide varied models of in person and online training opportunities. - Provide support for teachers to attend conferences and workshops that support innovation and new ideas.
Assessment	<ul style="list-style-type: none"> - Internet bandwidth usage reports will be used to analyze use of telecommunications service. The district will evaluate usage and provide bandwidth that does not reach 100% capacity (which results in extreme slowness or inability to use). - My Learning Plan reports will reflect the number of all teachers taking technology workshops. - New software and hardware will be utilized by staff. - A pilot program will exist in order for mid course corrections of hardware purchases to occur. - Administrators will observe a 25% increase in the number of lessons that incorporate SmartBoard technology. - Administrators will observe the use of document cameras and eClickers in classroom instruction. - The District’s online resources will be kept current and be published. Overview of resources will be presented at all grade level meetings, department meetings and new teacher orientation. - The district will be in 100% IEP compliance with regards to provided access to prescribed assistive devices and software. - Students and staff will have increased access to technology. - Staff surveys regarding technology in the classroom will reflect an improvement in access to equipment and allow for mid course corrections throughout the plan.

Goal 2 Technology Integration	Continue to revise the district’s Essentials of Learning to include the integration of technology into the curriculum, based upon ISTE NETS and 21st Century Skills. Standardize, align and communicate desired student technology skills across the grade levels and across the district.
Strategies 2011-14	<ul style="list-style-type: none"> - Technology Literacy skills, as defined by NYSED will be incorporated into content area and grade level curriculum. - Teachers and students will demonstrate ethical and safe use of the Internet. - Provide staff with (online) catalog of available resources and access to shared lessons and resources. - Work with technical staff to develop user friendly interface of intranet resources in order to increase the sharing of lesson plans and instructional resources that incorporate technology. - Communicate to teachers and parents the skills students have acquired in order to encourage continued use. - Teachers will be able to use technology as an integral component of instruction in every classroom. - Information Specialists will instruct students in the district’s online resources in accordance with the district’s AUP and complete no less than 3 Internet Safety lessons at grades 3 -10 using the iSafe program. - Target secondary art, technology and business students for creation and maintenance of electronic portfolios and web publishing. - Offer a variety of inservice opportunities to teachers and staff. - Continue to utilize pre & post surveys of Computer & Career Essentials students in order to keep current with student needs. - Provide students with a wide range of technology rich and current course offerings. - Update and revise district’s Technology Plan each year to reflect changes in hardware, software and technology literacy requirements.
Goals Met 2010-2011	<ul style="list-style-type: none"> - Updated curriculum and Essentials of Learning were placed into a shared Moodle board by the office of Curriculum and Instruction. - All K-6 teachers developed a podcast using a new netbook, March 2011. - JH technology curriculum was updated to include 21st Century Skills. - Tech Pilot program focus is on the integration of technology in each teacher’s curriculum area. - Continued implementation of 6th grade, formalized research project. - Newsletters, publications and Blog communicate instructional technology resources to all teachers. - Updated Computer and Career Essentials course includes Web 2.0 tools. - Continue to maintain and support SRI software to assess individual sixth grade student reading levels.
Professional Development	<ul style="list-style-type: none"> - Develop and deliver grade level/subject specific technology training to teachers. - Meetings and communication about Technology Literacy skill integration at district chair meetings, CDC and program review meetings. - Assistive Technology teacher taught workshops, met one on one and provide assistance to teachers, parents and students. -Workshops are offered on the use of online resources and Moodle, the web-based learning and communication system. -One on one training and support will be provided by the Teacher Leader for Technology and CES’s to all teachers. - Provide curriculum writing opportunities for teachers to write lessons that incorporate grade level projects and technology standards into the Essentials of Learning. - Merge the Technology Committee into the Professional Development committee in order to get greater input and evaluation of technology districtwide.
Assessment & Student Achievement	<ul style="list-style-type: none"> - Students in grades 3 through 10 will receive no less than 3 lessons in Internet Safety using the iSafe program as recorded by the Information Specialists. - Information Specialists will review the Internet Safety curriculum yearly to allow for updates and improvements. - 90% of fifth grade student will use a Proscope probe in a science project. - 100% of sixth grade students will complete a major research project that incorporates technology resources. - All students will be required to pass Computer and Career Essentials prior to high school graduation. 90% of students will pass the course prior to the 10th grade. - CCE course will be updated and reviewed each year to allow for updates and corrections. - 95% of all students enrolled in CCE will use Moodle to create an electronic portfolio, including taking a pre and post test of technical skills. - TechNotes newsletters will be written and published each year to staff and community. - Annual publication of district online resources will be made available to all teachers and students. - Review of computer lab, laptop/netbook cart and Information Center log books will occur. - Administrators will observe teacher lessons that incorporate instructional technology Essentials of Learning and technology skills and observe an increase in student engagement & use of technology. - Program Review and Professional Development Committees will review and recommend changes to instructional technology integration strategies.

Goal 3 Parental and Community Support	Provide the district’s students, parents and community members with access to educational technology resources and current electronic information.
Strategies 2011-2014	<ul style="list-style-type: none">- Continue to expand the use of the Parent/Student Portal and the SchoolMessenger notification system.- Provide students with access to software outside the school district that supports learning.- Provide community with adult education courses in the area of technology.- Communicate and demonstrate available district resources at public meetings.- Provide parents/students with the ability:<ul style="list-style-type: none">• to access and view online student attendance, schedules, immunizations, and emergency contact information.• to view ongoing grades on specific assignments and tests in gr. 7-12; view student report cards and benchmark assessments in grades 3-12.• to Receive and send e-mail communication with their child’s teachers• to timely “Help Desk” support for their questions and issues.• to Receive SchoolMessenger messages from the district and schools regarding important events and dates.• to access the district’s Online Resources, including those on Internet safety and cyberbullying, via district web site links.- Provide students and parents with Network Use Policy and Internet Safety Usage Information and workshops.- Improve communication through district website.
Goals Met 2010-2011	<ul style="list-style-type: none">- Expanded the use of the Campus Portal by implementing “open gradebooks” at the secondary level where students and parents can view ongoing grades of assignments and tests.- Implemented a new Campus Report Card for grades 3-5 which is available online via the portal.- Technical and support desk assistance for the Portal via phone, e-mail and in person at 559 by April 25, 2011.- Implement a new Campus Messenger feature allowing teachers to easily communicate with parents via e-mail.- Implement a new Student Course Request tab viewable via the portal.- Publish and maintain accurate and timely information on district’s web site, including 99% up time rate. – Plan for a refresh of the District website.- Provided students with access to web-based assessment preparation, skill practice and educational programs.- Replaced Connect-ED system with School Messenger to save money. Add parent e-mail to contact communication districtwide.- Publish TechNotes newsletters communicating online subscriptions and instructional technology resources to all stakeholders.- Provide parent workshop on Cyberbullying and Internet Safety, Oct. 2010.- All teachers, administrators and clerical staff have network, e-mail and voice mail accounts. All students in grades 2-12 have network accounts.- Library/Information Center Virtual Reference Collection and Digital Media Library obtained through ES BOCES School Library System and shared through school web sites.- Continuing Education technology courses offered at WMHS.- Publish both paper and electronically the district’s Network Use Policy. Provide parents with resources for using the Internet safely with students.- Increase Campus assessment information to include SAT scores, custom Writing level tab and SRI Reading scores.- Expand access to Naviance program to students in 9th grade (Career and College prep) Web-based program includes parent access.
Professional Development	<ul style="list-style-type: none">-Training workshops provided to all 3, 4 and 5 grade teachers on the use of the new Campus Report Card, Sept. 2010.-Training workshops and support provided to all teachers, K-12 on the use of the new Campus Messenger feature, March 2011.- Provide initial training to administrative staff, in the use of the new School Messenger communication system, August 2010.-Provide ongoing training opportunities for support staff in the all areas of Infinite Campus.-Provide training workshops and follow up support to all principals and support staff in the use of the new district web site.- Provide Gradebook training to all staff.- Provide training workshops and one on one in the use of Moodle.- Utilize Moodle for district training and sharing of resources.
Assessment	<ul style="list-style-type: none">- Parent workshops: Use of Open Gradebook, Sept. 2010, Cyberbullying, Oct. 2010.- Utilization of Campus user activity reports to determine who and how often parents and students access and use the system. Each year, we will aim to increase usage by 15 to 20% until we reach 95%.- Parents communicate regularly with teachers and staff using e-mail and voicemail.- Server up time and network usage reports will be used to show all activity.- BOE minutes will reflect instructional technology information delivery at a public meeting.- Teachers will be able to communicate with students using anytime, anyplace learning via an online classroom management program - Moodle.- Use of Moodle, the online learning environment will increase each year by a minimum of 15%.- A mid-year review of the district’s website with Syntax will occur each year in order to make improvements and corrections.

Goal 4 Systems Management	Utilize technology resources to maintain records, organize information and automate office functions. Provide interoperability among and between the automated systems. All critical systems will have an operable disaster recovery plan, as well as security monitoring and protection procedures.
Strategies In 2011-2014	<ul style="list-style-type: none"> - Administrators, teachers and staff will be able to utilize technology resources to maintain records, organize information and automate office functions. - Continued and expanded use of MyLearning Plan and OASYS which maintains professional development, inservice workshops, courses for teacher licensing and professional development history, as well as teacher observations and evaluations. - Evaluate and analyze district internet bandwidth and WAN operations including major switches and servers in each building. - Integrate data between Infinite Campus and all other data systems. - Regular review and update of clear plans for Disaster Recovery, Data (Record) Retention, and security monitoring paying close attention to Finance Manager.
Goals Met 2010-2011	<ul style="list-style-type: none"> - Pilot the use of OASYS to automate the scheduling and reporting of all aspects of the teacher evaluation system. - Fully adopt and automate the nightly transmission of data from Campus to School Messenger. - Integrate new wireless management controller into network environment. - Work with NYSED to establish and upload new, unique ID numbers for all professional staff for the purposes of State reporting. - Switch to and install new antivirus software – TrendMicro. - Disaster Recovery test – restore a backup of Finance Manager, March 2011. - Introduce a new Health module in Infinite Campus which will assist in the maintenance of Health office records and visits. - Coordinated and aligned information transfers between Campus and ScholarChip, the student ID card system. - MyLearningPlan utilized to register and record all workshop, meeting and inservice attendance and surveys. -Coordinated and aligned information transfers from Infinite Campus to School Messenger, Follet, school lunch, Castle Learning, Moodle and yearbook publishers. - Continued use of SchoolDude the online work order system to report and track technology issues districtwide. - Student IEP's available in real time on Infinite Campus. - Maintenance of a storage area network (SAN) at the high school to provide off site storage of critical electronic records.
Professional Development	<ul style="list-style-type: none"> - Provide workshops and one-on-one training to staff in the use of Infinite Campus. - Provide one on one training to all new users of SchoolMessenger. - Provide clerical and administrative staff with technology training during half days. - Training provided for My Learning Plan, Gradebook and SRI by teacher leader. - Network systems personnel will attend workshops focused on industry standard strategies for disaster recovery, record retention and security monitoring.
Assessment	<ul style="list-style-type: none"> - Network usage reports will demonstrate that systems are working and available to staff more than 98% of working hours and days. - Transportation information will be transferred and made available to all users of Infinite Campus. - IEP and PPS information will be available to administrators and teachers in the Infinite Campus system. - Contact information for all students and staff will be transferred on a regular basis and available to users of the School Messenger notification system. - A clear plan exists for disaster recovery, data retention and security monitoring which will be reviewed at least twice per year for progress and improvements. - 100% of teachers will use ReportCard Maker or Campus software to prepare report cards. - All teachers will use student management software to record daily and period by period attendance, enter grading information and access student information. - All secondary teachers will use electronic grade book for ongoing grade recording and reporting. - Staff surveys regarding technology in the classroom will reflect an improvement in access to equipment and allow for mid course corrections throughout the plan.

Goal 5 Hardware Replacement Cycle and Repair	Replace aged out (5 to 6 year old equipment) hardware. Support for existing hardware.
Strategies 2010-2014	<ul style="list-style-type: none"> -Replace aged computers in large group instruction areas such as libraries and labs where a large portion of the student population uses computers. -Replace classroom computers that are more than 6 years old. -Replace 5 year old servers and switches that are no longer under warrantee. -Troubleshoot and repair problems and breakages in a timely fashion. -Maintain current and accurate inventory.
Goals Met 2010-2011	<ul style="list-style-type: none"> - Replaced 6 year old main switches at Nassakeag and Setauket (phase 2). - Replaced critical servers, Citrix. - Replaced student workstations in each elementary school – all classrooms. - Replaced oldest laptops with netbooks at JH and elementary schools. - Replaced old computers in the HS Business lab, room 107, Art lab 111, HS Library. - Replaced 50+ computers secondary classrooms. - Begin removal of DeepFreeze in order to assist in remote updates and troubleshooting. - Install and utilize remote management and network activity software. - Installed new card readers on cash registers in the cafeterias. Provides photo ID of students and touch screens for cashiers. - Coordinated, evaluated and inventoried all assistive technology devices.
Professional Development	<ul style="list-style-type: none"> - Review with teachers new features of hardware and software upgrades (netbooks and Office 2010). - Train new and existing staff on the use of SchoolDude, electronic work order system. - Train technicians on use of remote control software in order to assist staff with issues. - Provide support for technicians in Windows 7 and Office 2010. - Assistive technology teacher taught workshops and met one on one with teachers.
Assessment	<ul style="list-style-type: none"> -The number of computers that are more than 6 years old will decrease. -Students will have access to newest technology in large group instruction areas such as general use labs and libraries. - Libraries and labs will house computers no older than 4 years. - Servers will be no older than 5 years. - SchoolDude reports will reflect an average age of work orders to be less than one week. - District computer/technology inventory is available for review. - District technicians will travel less as remote assistance improves and expands. - District network technicians will be notified of network issues as soon as they occur. - Each year during the budget process, a review of inventory will be made by stakeholders. - Yearly recommendations and annual budgets will allow for mid course corrections and changes in purchasing to reflect new developments and student and teacher needs.