DISTRICT-LEVEL TECHNOLOGY AND LEARNING IMPLEMENTATION PLAN

Goal for Student Technology Literacy: Increase student understanding and access technology and its various applications

Strategy: Increase student exposure to various technology uses such as: document camera usage; online task participation (blogs, forums, posting homework, internet access to student home folders

Rationale (Research): Students applying technology increases their preparation for future applications outside of the school setting. Student motivation increases with the use of technology in learning

School Year	Activity	District Person(s) Responsible	Hardware (HW), Software (SW), & Tech Support (TS) Needs	Professional Development (PD) Needs	District Purchase / Budget / Potential Funding Source(s)	Evaluation Strategies and/or Tools
Year 1: 2007-2008	Increase conventional classroom online participation	Technology Director, Technology Programmer, Curriculum Director, Technology Committee, District Staff members	Technology Director guidance, Technology Programmer SW support, no additional hardware needs beyond existing with the exception of capacity increase	Professional development for programmer and Technology Director	District Technology Budget	Increased conventional classroom student online participation
	Increase use of teacher classroom web pages	Technology Director, Technology Programmer, Curriculum Director, Technology Committee, District Staff members	Technology Director guidance, Technology Programmer SW support, no additional hardware needs beyond existing with the exception of capacity increase	In-house Staff development	No additional funds anticipated	Increased count of classroom web pages
Year 2: 2008-2009	Initiate (pilot) one or two online classes	Technology Director, Technology Programmer, Curriculum Director, District Staff members	Technology Director guidance, Technology Programmer SW support, no additional hardware needs beyond existing with the exception of capacity increase	Professional development for programmer and Technology Director Professional development for Instructor for delivering online classroom content In-house Staff development for existing web tools to deliver online classroom content	District Technology Budget Need to identify funds for professional development No additional funds anticipated for in-house training needs	Student class requests Surveys
	Increase teacher classroom web page usage to 50%	Technology Director, Technology Programmer, Curriculum Director, Technology Committee, District Staff members	Technology Director guidance, Technology Programmer SW support, no additional hardware needs beyond existing with the exception of capacity increase	In-house Staff development	No additional funds anticipated	Increased count of classroom web pages Staff technology proficiency Surveys
Year 3: 2009-2010	Involve students in population of content of teacher classroom web pages and specific student website areas. Increase online class offerings up to 5-10	Technology Director, Technology Programmer, Curriculum Director, District Staff members	Technology Director guidance, Technology Programmer SW support, no additional hardware needs beyond existing with the exception of capacity increase	In-house Staff/Student development Professional development for Instructor for delivering online classroom content In-house Staff development for existing web tools to deliver online classroom content Professional Development for Programmer and Technology Director	Need to identify funds for professional development No additional funds anticipated for in-house training needs	Increased student class requests Student and Staff technology proficiency Surveys
	Increase use and functionality of teacher classroom web pages 90 – 100% teacher usage	Technology Director, Technology Programmer, Curriculum Director, Technology Committee, District Staff members	Technology Director guidance, Technology Programmer SW support, no additional hardware needs beyond existing with the exception of capacity increase			Increased count of classroom web pages Increased conventional classroom student online participation

DISTRICT-LEVEL TECHNOLOGY AND LEARNING IMPLEMENTATION PLAN

Goal for Teacher Integration of Technology: Increase teacher understanding and access technology and its various applications

Strategy: Increase teacher exposure to various technology uses such as: document camera usage; online task participation (blogs, forums, posting homework, internet access to teacher home folders

Rationale (Research): Increasing teacher technology skills and practices better prepares students' future applications outside of the school setting. It also increases student motivation and learning

School Year	Activity	District Person(s) Responsible	Hardware (HW), Software (SW), & Tech Support (TS) Needs	Professional Development (PD) Needs	District Purchase / Budget / Potential Funding Source(s)	Evaluation Strategies and/or Tools
Year 1: 2007-2008	Increase conventional classroom online participation	Technology Director, Technology Programmer, Curriculum Director, Technology Committee, District Staff members	Technology Director guidance, Technology Programmer SW support, no additional hardware needs beyond existing with the exception of capacity increase	Professional development for programmer and Technology Director	District Technology Budget	Increased conventional classroom student online participation
	Increase use of teacher classroom web pages	Technology Director, Technology Programmer, Curriculum Director, Technology Committee, District Staff members	Technology Director guidance, Technology Programmer SW support, no additional hardware needs beyond existing with the exception of capacity increase	In-house Staff development	No additional funds anticipated	Increased count of classroom web pages
Year 2: 2008-2009	Initiate (pilot) one or two online classes	Technology Director, Technology Programmer, Curriculum Director, District Staff members	Technology Director guidance, Technology Programmer SW support, no additional hardware needs beyond existing with the exception of capacity increase	Professional development for programmer and Technology Director Professional development for Instructor for delivering online classroom content In-house Staff development for existing web tools to deliver online classroom content	District Technology Budget Need to identify funds for professional development No additional funds anticipated for in-house training needs	Student class requests Surveys
	Increase teacher classroom web page usage to 50%	Technology Director, Technology Programmer, Curriculum Director, Technology Committee, District Staff members	Technology Director guidance, Technology Programmer SW support, no additional hardware needs beyond existing with the exception of capacity increase	In-house Staff development	No additional funds anticipated	Increased count of classroom web pages Staff technology proficiency Surveys
Year 3: 2009-2010	Involve students in population of content of teacher classroom web pages and specific student website areas. Increase online class offerings up to 5-10	Technology Director, Technology Programmer, Curriculum Director, District Staff members	Technology Director guidance, Technology Programmer SW support, no additional hardware needs beyond existing with the exception of capacity increase	In-house Staff/Student development Professional development for Instructor for delivering online classroom content In-house Staff development for existing web tools to deliver online classroom content Professional Development for Programmer and Technology Director	Need to identify funds for professional development No additional funds anticipated for in-house training needs	Increased student class requests Student and Staff technology proficiency Surveys
	Increase use and functionality of teacher classroom web pages 90 – 100% teacher usage	Technology Director, Technology Programmer, Curriculum Director, Technology Committee, District Staff members	Technology Director guidance, Technology Programmer SW support, no additional hardware needs beyond existing with the exception of capacity increase	In-house Staff development	No additional funds anticipated	Increased count of classroom web pages Increased conventional classroom student online participation

DISTRICT-LEVEL NETWORK AND TELECOMMUNICATIONS PLAN

1. Technology Assessment (E-Rate requirement)

District Inventory	CIPA Compliance	District Technology Standards	Budget Summary
The district has completed the current online technology inventory and will continue to do so annually. **__X__ Yes**	The district has completed the current Form 479 and will continue to do so annually. **__X__ Yes**	Woodland School District maintains a network utilizing PC computers. Our minimum specifications are: PC: Pentium III/IV; 1GHz or higher Servers: Web services – Dual Xeon 3.0 GHz; 2Gig RAM; IIS 6.0 Mail services – Dual Xeon 2.0 GHz ; 2 Gig RAM File services – Dual Xeon 2.0 GHz/PIV 3.0 GHz combo App services - Dual Xeon 2.0 GHz; 1 Gig RAM SQL services - Dual Xeon 2.8 GHz; 2 Gig RAM Software used district-wide with main function noted: Databases .....MS SQL, mySQL, Access, FileMaker Pro Spreadsheets.....MS Excel Presentation.....MS PowerPoint, Visio and Impressions Word-processing.....MS Word Desktop Publishing .....MS Publisher Vax Communication .VersaTerm (Mac) and Reflections (Windows) E-mail ..... Outlook 2003, Exchange 2003 Antivirus .....Norton Antivirus Corp. Ed. 10.1 Standardized Desktop .....Windows XP SP2 Standardized Server Windows 2003, Linux 2.6.18.2 Ubuntu Dapper In addition, a number of miscellaneous and specialized software packages are used at specific grade levels. Our goal is to reduce the number of unique software packages used district-wide to reduce support costs.	Current district hardware standards will be compared to state recommended standards and updated as needed to accommodate use and specifications on updated software. The software standards will be reviewed annually by the district's Technology Director. Updates will be made on an as-needed basis, following review of features, and only when there is an identified need by a majority of users.

DISTRICT-LEVEL NETWORK AND TELECOMMUNICATIONS PLAN

2. Priority One Requests (E-Rate)

Voice, Data, Video and Other Priority One Capabilities	Purchase / Budget / Potential Funding Source(s)
Basic telephone and long distance service to all parents, business and education partners, community members, emergency services and stakeholders. T-1 voice and data servicing intra-district connections. In the process of procuring fiber optic intra-district connection and service. T-3 connection to the Internet.	***Annual cost of leased (T-1 and Fiber) approximately $36,000. Monthly costs of basic and long distance phone service is approximately $3,000. Yearly cost of T-3 Internet connection through K20 is approximately $4000, possibly rising to $5000 in 2009. Funding is provided through State apportionment and local maintenance and operations levy.***

How will these services support the district activities, strategies, and/or goals?	Quality communication between home and school ensure the best possible education for our students. In addition, communication with our business and education partners, community members and stakeholders is required for continued professional development, partnerships and collaborative initiatives. The safety of our students is a priority, so communication with our community's emergency services is critical for a safe learning environment.

DISTRICT-LEVEL NETWORK AND TELECOMMUNICATIONS PLAN

4. Maintenance, Upgrade and Support Strategies: *This section should articulate your maintenance and upgrade/reassignment/replacement plan for technology, telecommunication services and systems. Information in this section should relate back to the district or state standards established (see Part 1. Technology Assessment) and should include the technical support needs.*

Description of Maintenance/Upgrade/Support Strategies	Purchase / Budget / Potential Funding Source(s)	Timeline
Monitor desktop computers to identify specific machines that need more maintenance than normal and, if suitable, replace them above standard equipment that would take advantage of the network infrastructure and provide increased connection speeds to file servers. Replace desktop computers as they fail in the same manner, if applicable. Estimate of 23 computers replaced per year.	$30,000 – upgrades – Technology Budget	***2007 - 2010***
Annually review existing hardware warranties that expire during the year, and evaluate cost effectiveness of renewal versus as-needed service and repair based on age, maintenance record, and amount of use.	$3,500 if all current warranties are renewed – Technology Budget	***2007 - 2010***

How will your maintenance and upgrade plan help you reach the district goals?	These methods and strategies will provide faster support to the user by reducing complexity at the desktop, and provide a more stable infrastructure on which to work.

DISTRICT-LEVEL TECHNOLOGY AND LEARNING IMPLEMENTATION PLAN REVIEW PROCESS

Process to Review and Update Your Plan

Progress Evaluation and Update Activities/Objectives	Person/Team Responsible	Timeline
Building Leadership (School Improvement) Teams will review progress on Tech Plan activities.	Building principals and Building Leadership Teams	***January, 2008***
Building leadership teams will draft a Tech plan for the 2007-08 and the 2009-010 school years.	Building principals and Building Leadership Teams	***March, 2008***
-- Review the technology plan; identify progress and evaluate changes needed; -- Assess integration of technology within the curriculum using surveys and assessment tools designed within the curriculum development process; -- Determine needs for in-servicing of teachers in the technology areas and develop appropriate content ; -- Review staff input from the in-services; and -- Use assessment tools to gather data on student use of technology.	Technology Committee (lead) Building-level directors for on-site survey and evaluations	***2007 -2010***
-- Provide leadership for staff development; -- Manage the technology grants and budgets to reflect the needs of the students and staff K-12; -- Stay current with developments and innovations in the field; -- Maintain current inventories and adjust as outlined in the plan; -- Provide service and repair to maintain equipment and networks; -- Help the technology director gather data for state and local reports.	The district Technology Director and technology support staff	***2007 -2010***
-- Provide leadership and support for curriculum development; -- Provide leadership and support on technology integration; -- Provide leadership and training in assessment; and -- Review and promote district educational goals.	The Superintendent, School Board, Curriculum Director, Technology committee and District Assessment Team	***2007 -2010***