

Woodland Elementary School

3 Year Technology Plan

This plan was developed by the Woodland Technology Committee to guide technology requests and future purchasing. It is the desire of this committee that if funding is available, all items will be purchased within a 3-year time period.

Items are listed based on priority beginning with those items that the committee feels are most needed or requested by teachers. However, items can be purchased out of sequence depending on available funding or donations.

This plan is effective starting with the 2009-2010 school year.

3M Interactive Projection System	Number Originally Needed: 14 Number still needed: 8	Price per unit: \$3,737.00
Description: This is an all-inclusive digital projection system featuring a wall-mounted LCD projector with built in screen and speakers, as well as interactive whiteboard capabilities. This unit is wired directly to the wall to prevent cords being exposed as is the case with projectors that are on a cart or table.		
<i>We have now placed one of these systems in the forum for school-wide use, as well as in most upper grade classrooms. Our goal is to equip ALL classrooms with some form of interactive projection system. Obtaining eight more systems would give ALL classrooms in all grade levels interactive capabilities.</i>		

Memory Upgrades to existing computers	Number Needed: None Purchased through PTA donation.	Price per unit: \$20 - \$60 per computer depending on exact computer specifications
Description: This would be RAM upgrades to existing computers through the installation of memory cards. We feel that this would provide much needed memory to handle the minimum system requirements to handle the various software, network, and virus protection needs. Many of our computers currently work, but are very slow or troublesome due to lack of necessary memory.		
<i>We have ordered memory upgrades for all classroom PCs due to a donation of funds by our Woodland PTA. These upgrades will be installed once memory is received.</i>		

*Online Accelerated Reader	Yearly Subscription	Price per unit: \$4.00 per student
Description: This annual subscription allows access to a wide-range of available Accelerated Reader quizzes, as well as to reports and teacher tools. The online subscription provides access to all available quiz titles offered by the company as opposed to the limited quiz database available under the installed network version where titles have to be purchased as part of a catalog. The subscription version accesses via Internet, so this clears valuable memory space on individual computers, as well as on our network since program files and quizzes would no longer have to be installed.		
<i>*The 2009-2010 school year subscription has already been purchased as approved by the Woodland School Leadership Team and Woodland Technology Committee.</i>		

**Online STAR Reading	Yearly Subscription	Price per unit: .59 per student
Description: The STAR Reading program provides student testing of reading comprehension skills that then sets Accelerated Reader reading levels. The program also provides various diagnostic tools.		
**The 2009-2010 school year subscription has already been purchased as approved by the Woodland School Leadership Team and Woodland Technology Committee.		

***Successmaker	Yearly Subscription	Price per unit: \$2,000.00 yrly
Description: This computer program provides skills practice and diagnostics in math, reading, writing, science, and social studies. The program uses student responses and practice to adjust to meet individual student needs. This program is used by students in the computer lab, as well as in individual classrooms.		
***The 2009-2010 school year subscription has been paid for using Title I funding.		

Acer or Dell Mini Netbooks	Number Needed: 12	Price per unit: \$320.00
Description: These are the small, portable netbooks that offer many of the same features of a larger, more expensive notebook, but at a more affordable price. The purchase of these netbooks would allow teachers to connect to networks, Internet, and interactive projection systems, while also providing portability and convenience.		
Standard, more powerful (and expensive) laptops would also meet these needs, but would of course cost more money, but at the same time give teachers access to more features.		

Elmo Digital Visual Presenters	Number Needed: 15	Price per unit: \$695.00
Description: These presenters would be connected to LCD projection systems and allow the presenter to project images, book pages, photographs, manipulatives, or other items to be viewed by the entire class on a large projection screen. This would enable viewing of desired images or objects by the entire class.		
This is a great alternative for teachers who do not need computer-interactive capabilities, especially at the primary grade levels.		

LCD Projectors (stand-alone)	Number Needed: 6	Price per unit: \$1,280.00
Description: These would be the standard LCD projector without the speakers, wall-mounting, or integrated interactive capabilities. These would be connected to a notebook or PC computer to simply project an image for large group display purposes.		
Most teachers would prefer the wall-mounted 3M Interactive Projection Systems, but purchase of these "stand alone" LCD Projector units could be utilized by those teachers who just need the projector for use with an Elmo Digital Visual Presenter or for use with an Interactive Slate Tablet.		

Interactive Slate Tablets	Number Needed: 16	Price per unit: \$420.00
Description: These tablets provide the teacher and students to wirelessly have interactive capabilities for computer images or programs projected for class presentation. This allows the user to highlight, write, select, and edit text or images, as well as control computer commands, programs, and toolboxes from anywhere in the room. The tablet can be used by both teachers and students to provide these interactive capabilities by connecting directly to an existing PC or notebook computer through a wireless USB connection. This gives the interactive capabilities without requiring the user to be standing at the screen in front of the room as with traditional interactive whiteboards.		

Web-Cams	Number Needed: 6	Price per unit: \$80.00
Description: These cameras would allow the teacher or students to film lesson or classroom activities, or to be seen via Internet or network by parents, other students, other classrooms, or even by special guests as in the case with virtual "field-trips" or special lecturers.		

Laptop Carts (with notebook computers)	Number Needed: 4	Price per unit: 24 laptops \$1,860.00 16 laptops \$1,215.00
Description: These laptop carts would be mobile units containing laptops (about 25 – 30) that could be checked out and used by individual classrooms for computer-based projects and study. The cart itself would contain a charging unit to keep all laptops charged while not in use. This would allow for greater integration of technology and allow all students to have access to needed computer programs, information, or presentations, as well as to allow each individual student to use a laptop for project completion.		

Digital Cameras (Student Friendly – Fisher Price)	Number Needed: multiple	Price per unit: \$50.00
Description: These cameras would allow students to complete projects in which they could integrate their own photographs into presentations or displays. These "student-friendly" cameras are more durable than standard digital cameras because of their rubber outer covering. This makes them more shock and water resistant for use by all ages of students and by a large number of various users.		
<i>Ideally, we would have a classroom set available for check-out by any class teachers for use by whole groups.</i>		

Digital Cameras (Teacher Friendly) Preferably Kodak or Canon with standard memory cards	Number Needed: 6	Price per unit: \$250.00 to \$300.00 Sony cyber Shot
Description: These cameras would allow teachers to document classroom projects and activities, as well as to create scrapbooks and slideshows of students. These cameras would allow for better resolution and zoom capabilities than the above student-friendly cameras.		
<i>These could also be available for classroom teachers or staff for check-out from the library.</i>		