

One-to-One Computing: Transforming Education 12/7/08

-Link to Wiki: <http://wiki.ties.k12.mn.us/3007>

Notes and Discussion

-Interesting how quickly things are done and changed on the video we saw, but reminds me of how our students at OJHS work. They amaze me every day.

-Professional development key piece

-teacher needs the computers ahead of time, before the students teacher proofing curriculum

Apple platform gives flexibility in training = Stillwater

Need to use web2.0 tools

- word press multi user
- blog management system
- moodle starting

Support

- 3400 systems
- network engineer district level
- network administrator
- data base
- server technician
- tech elementary school
- electronic position
- high school several options
- tech integration specialist

Change in teacher

MIke Wesch website

Security

- staff authentication button, if site on teacher list it will provide access
- youtube has go around, consider 8-3 closure
- youtube can be used to demo excel use vs. united streaming

Committee structure

- IT steering committee 9 members
- building tech committee

why not successful

- wrong hardware (this is huge)
- forgot online digital tools
- staff development

One-to-one

- Kansas
- Texas

Survey

- teachers spending more time
- teacher motivation = new practice will make a fundamental difference to student learning

Reduced money in = textbook, printing and toner cost, floor space for a lab, about 31 minute/day less due to technology utilities

Mock lab set up where students can hardwire their laptops

Students do not keep laptops over the summer but sw is trying to change that.

[jamf](#) = Casper = helps to update

1 gig of fiber

20 megs from TIES (use cache to help)

Professional Development

- teacher buy-in and personal vision

- Methods for PD
- Classroom management
- rethinking curriculum and online resources and tools (not teacher proof anymore)
- teacher 2 teacher culture
- Sat. training
- feed the rabbits
- should consider training teams
- 3 levels (24 hours)
 - this is your laptop
 - server save files
 - integration with laptops
 - some on-line learning

Admin access to teachers about 50%

Study Wiz

- ad hoc groups for exchanging file

Groupwise student e-mail accounts, but different domain name

A quick video tutorial on how our File Transfer/Server works (student to teacher, teachers to student, student data backup): http://oakland.stillwater.k12.mn.us/sites/f1c1a073-106e-4552-82a3-3b75eff284c3/uploads/Instructions_For_Using_The_Server_2.m4v

District Technology Staff: http://www.stillwater.k12.mn.us/Technology_Staff_List.html
 District Tech. Site: <http://www.stillwater.k12.mn.us/Technology>

Questions we would like to answer:

- after 5 years, then what?
 - what is the assessment piece?
 - What are the clear messages that you need to deliver?
 - Staff development, how much, how to?
 - Allure of new device, how do we handle this?
 - Why at the Junior High school level?
 - becomes part of their everyday life
 - was more excitement at the jr high level
 - picked one jr. to get the funding to last 5-6 years
 - leadership played a role, must participate in the training as well as teachers
 - Why middle school and what happens when they go to the High School?
 - Kids are most engaged at the middle level. Adaptability and adolescents.
 - Had the Principal leadership and teachers engaged
 - How do you handle testing in a 1:1 environment?
 - Add a partition on the hard drive and then utilize the media center
 - 3 questions for newly hired teachers
 - how will you use tech for teaching
 - how will students use tech for learning
 - Important messages from administrators (support from an admin perspective)
- <http://www.apple.com/education/profiles/oakland/>

How do you integrate all of the software applications or collaboration tools (wiki's, blogs, google docs, school website, etc.) most effectively?

- website http://oakland.stillwater.k12.mn.us/Tech_Documents_Forms.html
- within the curriculum, class framework
- assisted by online subscriptions (Atomic Learning)
- ICE students (students that work in the Help Desk that assist staff and students with technology needs and application training, helping staff upkeep webpages etc... <http://oakland.stillwater.k12.mn.us/ICE.html>)
- enthusiastic staff training each other
- moodle, Urban Planet (web pages) content management, Word Press (MU) multiple user

How has this impacted the purchase of curriculum?

- online texts
- online subscriptions

-Any ideas on how to successfully use MySpace or Facebook groups to educate students (or would you never touch this idea)?

-How many and what people should be at the table when preparing for a 1:1 on decision making?

-How much bandwidth is necessary in a 1:1 environment? What are some limitations, are you limiting "bandwidth eating" sites?

-Student emails? any issues?

-How do you handle staff development training? (pay, CEU's)

Dan Buttner, St. Paul Public Schools

Goodhue school district good model for training <http://www.goodhue.k12.mn.us/se3bin/clientschool.cgi?schoolname=school242>

Cooperative loss program - if laptop is destroyed, family is accountable for \$100.

Buy computer in grade 7 - we administer it for 3 years we will maintain - you will own (see bottom of page 2 on this document, our User Agreement)

http://oakland.stillwater.k12.mn.us/sites/f1c1a073-106e-4552-82a3-3b75eff284c3/uploads/08-09_Acceptable_Use_Form.pdf

-Owned by student vs. owned by district?

vlan= configure individual machine
guest network

Cooperative loss program

- district involved insurance
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Virtual Lan - students can register personal computers

-Do students use the same laptops from year to year?

http://oakland.stillwater.k12.mn.us/sites/f1c1a073-106e-4552-82a3-3b75eff284c3/uploads/08-09_Hardware_Inspection_Sheet.pdf

Students have opensource on their laptops

Openoffice

abiword