

## Appendix 1

There has been some conversation about exploring cutting edge digital initiatives such as laptops for every child and digital textbooks. These initiatives could create amazing, important new learning experiences and opportunities for students. However there are a number of questions that make planning for these types of initiatives difficult. These issues are primarily related to funding, a lack of an adequate operational budget for technology, and the fact that technologies associated with digital textbooks are still emerging. The price tag to address the network capacity and computer needs for a transition such as this at the High School alone would be several million dollars. Several years ago, as a part of a project for CESA, Whitefish Bay was used as a demonstration site by a collaborative group of technology vendors led by Cisco. The Cisco team designed a state of the art network for the School District. The cost was nearly 5 million dollars. A significant deployment of these types of technologies would only be possible if accompanied by a significant new funding mechanism.

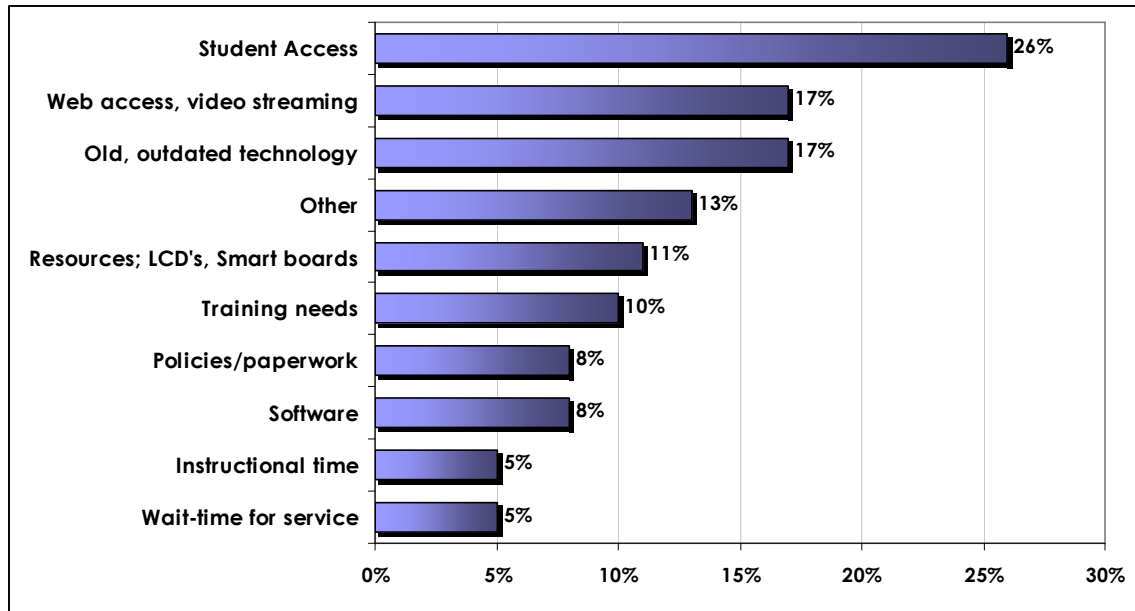
### Whitefish Bay Schools Technology Survey – Results

November 28, 2007

**Results of multiple choice items measuring individual satisfaction with various instructional-technology related resources.**

Item	% agree/strongly agree
I believe instructional technology can significantly enhance student learning.	92%
The technology resources I need at school to meet my students' learning needs are readily available to me.	46%
I am satisfied with my level of access to a classroom computer for my own use.	76%
I am satisfied with my level of access to computers for student use.	46%
I am satisfied with my level of access to an LCD projector	59%
I am satisfied with my level of access to a Smartboard.	44%
I am satisfied with my level of access to instructional software that supports my students' learning needs.	49%
I am satisfied with my level of access to streaming media that can be used to meet my students' learning needs.	34%
I am satisfied with my level of access to internet sites that support my students' learning needs.	55%

**Of the 135 individuals who responded to the survey, there were 63 individuals who chose to submit comments. Of these 63 respondents, 72 specific items were referenced that were sorted into 10 categories. Percentage of responses referencing each item and a sample of the responses are below.**



Sample comments representative of comments in each category:

**Student access – 17 comments (26%)**

It would be wonderful and beneficial to students to have a bank of 2 to 4 computers in the actual classroom.

...there is one lab for 700 students in this school...which is not enough access to teach to the Wisconsin standards.

...need wireless labs....

**Lack of web access, video streaming – 11 comments (17%)**

Some districts are using Youtube and other sites in student projects – embracing the real technology word kids navigate outside of school. Schools need to help kids learn to use available technology in smart, safe ways.

Sometimes even common internet sites are block such as CNN...

I have increasingly been designing lessons and assessments that specifically do NOT incorporate technology resources because I have found inconsistent access to educational websites from year to year and it has become clear to me that the hassle involved to get access to streaming media and other vital resources will greatly outweigh the advantages of using such technology in the classroom.

**Old, outdated technology – 11 comments (17%)**

The district is using very old technology. This causes all kinds of problems. I just feel that I am so lucky to teach in such an amazing district...but am shocked at how far behind we are with technology.

We have students who have been raised in a media centered world, whose homes are media oriented, yet we bring them to the “dark ages” when it comes to the classrooms...

**Other – 8 comments (13%)**

These comments ranged from lack of printer access, need for access to files from home, unreliability, need for additional AV resources, to students having too much access to on-line games.

*Appendix 1 cont'd*

**Lack of resources – 7 comments (11%)**

We have DVD players on our computers ....would like to see every class have an LCD.

We need better access to computers within the commons area or WiFi capabilities for the classroom. Student research and access for students during study halls would greatly enhanced. I don't have an LCD projector for classroom use currently. Time concerns always plague use of internet sites and streaming media.

Too unwieldy to bring LCD or Smartboard and move between two classrooms

**Training – 6 comments (10%)**

I would like more training available – classes to me as a teacher on how to use the web and various computer programs and applications.

We need to have extensive mandatory training for all teaching staff so that everyone is on the same page at the same time.

**Software concerns – 5 comments (8%)**

Need access to Special Ed. Software on the server

I feel very frustrated when I try to support a students' needs in my classroom with software programs. The choices are very limited.

**Policies/paperwork – 5 comments (8%)**

I find it a redundant exercise to seek approval for software and hardware that has already been described as necessary to meet a students' IEP goals....

The system needs to be much more user friendly. Why can you OPEN a document but not save it? Why can't students browse within the File Save/Open dialog box? Why can't teachers download files? Sometimes it gets so discouraging to jump through all the hoops....it is just plain easier not to use it at all.

**Wait time for Service – 3 comments (5%)**

It appears the technology department is vastly overwhelmed and has not been able to meet the simple needs of installing software for use in the classroom.

**Lack of instructional time – 3 comments (5%)**

It would be extremely beneficial for our students to have a half-hour special once a week or something similar with an instructional technology teacher...

Each time a new curriculum is adopted – for example, science – it incorporates technology – thereby taking the lab away from other subjects.

T. Frontier

November 28, 2007