

**LSC 5510 Technologies for School Libraries**  
**Module 10 Technology Plan**  
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**August 1, 2010**

**Plan**

The creation of a multimedia mini-lab within the school library will serve the school's learning community (500 K-12 students and 45 faculty/support staff). The establishment of a multimedia station will allow students and faculty to create multimedia projects that support curricular goals and extra-curricular projects.

**Justification:**

Since the library, unlike the technology labs housed elsewhere on campus, is open at lunch and before and after school, students will be able to create multimedia projects during times when the technology labs are closed. After-hour access times are primary benefits to this media lab.

Our social studies, English, and IB courses include project-based activities that require multimedia software. Often, the tech labs are already booked, which keeps students from working on multi-media projects. English teachers need a base for creating podcasts for National Poetry Month, and school-wide projects such as school assemblies, pep rallies, afterschool activities, and end-of-the-year projects require access to multimedia programs.

Since our state has embraced the NETS (National Educational Technology Standards), it is key that we support improving 21<sup>st</sup> century learning. Our students will be tested on these very skills, and since they are in direct alignment with state standards, it behooves our school to create a learning environment that supports 21<sup>st</sup> century learning.

The library program encourages collaboration, communication, and information sharing. Investing in this program will allow for partnerships between the school and community via streaming video and podcasts. In addition, it will empower the school community to participate in Web 2.0 technologies ("Libraries as Domestic Metaphor") As Joan Frye Williams claims,

The library [is] a laboratory in which community members tinker, build, learn, and communicate. We need to stop being the grocery store or candy store and become the kitchen. We should . . . create work environments that invite exploration and creativity both virtually and physically (qtd. in School Library Journal)

We live in a networked world where the creation and sharing of knowledge and research are crucial components to lifelong learning and 21<sup>st</sup> century skills. This mini-tech laboratory will allow teachers to design research projects that include new communication tools such as podcasts, videos, wikis, and blogs. In addition, it allows for digital storytelling and the communication of research to a wide audience.

In this mini-media lab, we can guide learners towards their end product: the communication of their research, which often is in the form of presentations that include images, graphs, sounds, video, and other sorts of multimedia.

**Hardware:**

<b>5 mic/earphone headsets (+ 3 backups)</b>
<b>The following pieces of hardware are already available within the library, so there is no need to purchase these items:</b>
<b>3 Video cameras (with connecting wires and back up batteries and chargers)</b>
<b>8 Digital still cameras (with connecting wires and back up batteries and chargers)</b>
<b>5 computers with Windows OS 2008</b>

**Software:**

<b>Adobe Premeire Pro (5 site licenses)</b>
<b>Adobe CS Photoshop (5 site licenses)</b>
<b>Audacity (open-source software: free of charge)</b> <b>School approved browsers (must be approved by tech department)</b>

**Timeline**

<b>January 15, 2011</b>	Order items as per business office request
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<b>May 15, 2011</b>	Submit request for summer installation
<b>June 15, 2011</b>	Tech department installs hardware and software
<b>August 15, 2011</b>	Check hardware/ software with test run

### **Budget:**

<b>Adobe Premiere Pro (5 licenses) @ \$700 each</b>	<b>\$3,500</b>
<b>Adobe CS Photoshop (5 licenses) @ \$700 each each</b>	<b>\$3,500</b>
<b>Headsets (mic/earphones) (8) @ \$20 each</b>	<b>\$ 160</b>
<b>Total</b>	<b>\$7,160</b>

### **Training:**

In addition to student training which occurs with librarian and co-operating teachers, four formal teacher-training sessions will occur throughout the year either after school or during teacher in-service days. The librarian and technology coordinator will lead the trainings, with possible inclusion of student trainers as well.

<b>August 20, 2011</b>	Podcasting: how to record, edit, and publish sound-based products
<b>November 20, 2011</b>	Digital image editing: how to upload, edit, and incorporate digital images into blogs and digital portfolios.
<b>February 20, 2012</b>	Video editing: how upload, edit, and create video
<b>March 20, 2012</b>	Blogs: how to use images, texts, and templates to create a blog

### **Evaluation:**

Each teacher who uses the mini-media station will copy samples of digital editing, presentations and podcasts/ vidcasts in a file on the library server. At the end of the year, a sample survey to teachers who used the multi-media station throughout the year will be administered. Data gathered from this survey and from collection

of multi-media samples will help determine the effectiveness of the mini-media station.

### **Works Cited**

Williams, Joan Frye. "America's Libraries in the 21st Century". Panel Discussion. ALA Annual Conference. Video Recording 2 July, 2008. (<http://blip.tv/file/1048651>) Web Jul 29, 2010.

"Library as Domestic Metaphor". *School Library Journal: Never Ending Search*. 28 August, 2008. <<http://blog.schoollibraryjournal.com/neverendingsearch/2008/08/25/library-as-domestic-metaphor>> Web Jul 29, 2010