

Mobile Technology Lab (MTL)

Congratulations and welcome to the new and exciting Mobile Technology Lab (MTL). This lab consists of 15 Dell Latitude Laptop Computers, 14 regular computers and one Master Laptop computer. The Master Laptop connects to the Dell Laser Printer, the Visioneer Scanner and the DVD Recorder.



The 14 laptops come with the following software already loaded and ready to use:

Programs	MS Office 2003	BGCA Digital Arts	Games
ArchMap	Access	Digital Tech	Hearts
Audacity	Excel	Movie Tech	Packman
Digital Voice Editor	Front Page	Music Tech	Pinball
DNR Garmin (GPS)	Power Point	Photo Tech	Solitaire
Flash	Publisher	Skill Tech II	Super Collapse
Hallmark Cards	Word	Web Tech	
Kids Pix Deluxe 3			
MS Encarta			
Picas2			
Photoshop Elements			
Studio 9			
VidTalk			
InterVideo Win DVD			

The Master Laptop comes with the software listed below:

ArchMap
Photoshop Elements
Acrobat Writer
MS Office 2003 (same as above)
MS Digital Image Pro
MS FrontPage 2002
MS Streets and Trips 2001
Canon Photography Workshop
Roxio Easy CD & DVD Creator v.6

All of the computers have the ability to write to a CD, however, only the Master Laptop has the software on it to write to a CD or DVD. If you plan to use this function you will have to purchase your own writeable CD's or DVD's.

Using the MTL

The first thing you need to do is to take an inventory of all the cases using the MTL Inventory Form (should be one in the box, but if one is not available, you can retrieve one by visiting the following website: <http://www.sccyd4h.org/mtl/>)

If something is missing, or there is a problem with a computer or any of the equipment, you will need to contact Bob Spalding at (864) 430-0119 as soon as possible.

When the MTL is returned, if there are any missing or damaged items, you will be expected to cover the costs of replacement or repairing each item.

Hopefully, you will have a chance to look over the software that is available on the 14 computers before presenting it to your youth. At this time, there are no books or tutorials available. It is suggested you use the Help Screens as much as possible.

Possible setups ideas:



MTL Setup

The Mobile Technology Lab is very flexible and can be set up in almost any configuration wanted. However, there are several questions that should be answered before the MTL is set up. The answers to these questions will make a difference on how the lab is set up.

1. Do you want to use the printer or scanner?
2. Do you plan to connect to the internet?
3. How many laptops do you plan to use?

If you plan to use the printer, DVD, and/or scanner, then you will need to set up the Master Computer (see below).



For now, let's say you **do not** want everyone to be able to print and/or access to the scanner. Then all you need to do is to pull out the number of computers wanted and set them up. It is recommended that you connect the laptop power supply to each of the computers since the batteries may or may not be charged.

The printer as well as the scanner will connect to the Master computer via a USB connection. See photo below.



You don't need to worry about which end goes where because they can only fit one way.

To connect the DVD recorder, you will use a FireWire and a FireWire card (goes into the computer). See photo below



Now, let's say you want all the laptops to have access to the printer and/or scanner. Then you will need to set up the wireless network.

The wireless network consists of one Linksys Wireless G Access Point Hub. (See photo below).



If wireless internet is available at your location, then each computer should be able to pick it up individually. However, if wireless internet is not available, but there is an internet connection at you location, then you will have to connect the Linksys Wireless Hub to that connection in order to have an internet connection.

Please NOTE: There is no software on the laptops to prevent the youth from going anywhere they want on the internet. Please watch the youth carefully to be sure they are not going where they are not supposed to go.

Other equipment available with the MTL:

1. Canon Digital Camera
2. Canon Movie Camera
3. Headphones with microphone – one for each computer – connects via USB



4. External 3 ½ disk drives - one for each computer – connects via USB



Setup

To setup the printer – see below



USB Cable



Plug flat end into computer



Plug in the square end here

To setup the Scanner – see below



USB Cable



Plug flat end into computer



Plug in the square end here

To setup the DVD Recorder – see below



The wire can has different connections at each end, so you can not get confused.

Technical Stuff

- When the computers are turned on, they will come to a screen that asks you to press **ALT CTRL DEL**
 - Do this
 - The next screen is a text screen – Press **ENTER**
 - The final screen is the Windows Log in Screen
 - Log in using the following User Name: **MTLuser**
 - There is **NO** password, so press **ENTER**
- The Network name is **HOME**
- If you have a problem, contact Bob Spalding, OMK Technical Advisor at 864-430-0119 (night or day). **Please note, Spalding can assist with technical problems, not how to use the software.**