

Wireless Cart and Student Laptops: Care and Use Overview:

The new technologies you are receiving are unique and may be new to your classroom. The student laptops have wireless cards that enable them to connect to the Internet without wires. The wireless carts come with “access points” which are pre-configured to find the network and make it available wirelessly. You will need to know how to set up a wireless cart, perform simple troubleshooting to determine network access and know how to use the wireless cart for instructional purposes. Also, students need to know the proper way to care and maintain the laptops while using them. This module will assist you in caring, using and troubleshooting the wireless cart and student laptops.

To complete this module, view each video tutorial by clicking on the titles. At the end of the module, complete the Self Check and Classroom Connection activities to check your understanding before proceeding to the next topic. You may wish to download and print the Self Check document before you start and complete it as you proceed through the tutorials. The Classroom Connections document will help you align the technology skills you learned in the module to your own individual curriculum and instructional practices. The User Guide provides additional information that may not be found in the tutorials and serves as a reference guide for later use.

A. Wireless Laptop Cart

1. Cart Features

2. Laptop Organization

3. Peripherals

Self Check: Wireless Laptop Cart - Download

Directions: Download this document and complete the activity. Correct answers can be found by reviewing the video tutorials and/or referencing the User Guide.

wcartLTC_Self-Check_1.pdf

B. Transporting and Setting Up the Cart

- 1. Safely Transporting the Cart**
- 2. Strategies for Setting Up the Cart in Your Classroom**
- 3. Cart Readiness**

Self Check: Transporting and Cart Setup - Download

Directions: Download this document and complete the activity. Correct answers can be found by reviewing the video tutorials and/or referencing the User Guide.

wcartLTC_Self-Check_2.pdf

Self Check: Wireless Cart Readiness - Download

Directions: Download this document and complete the activity. Correct answers can be found by reviewing the video tutorials and/or referencing the User Guide.

wcartLTC_Self-Check_3.pdf

C. Laptop Distribution and Use

- 1. Overview of Laptop Distribution**

- 2. Laptop Numbering**
- 3. Modeling Appropriate Use of Laptop**
- 4. Distribution of Laptops**
- 5. Carrying the Laptop**
- 6. Opening the Laptop**
- 7. Sleep/Power Management Strategies**
- 8. Collection Strategies**

Example of Student Contract - Download

This document can be used as a guide in developing a student contract for the use in your classroom.

[wcartLTC_008_ContractSample.pdf](#)

Classroom Connections: Wireless Cart Management Plan - Download

Directions: Download this document and complete to help establish a process for wireless cart usage in your classroom.

[wcartLTC_ClassroomConnections1.pdf](#)

D. Laptop Care and Maintenance

- 1. Overview of Laptop Care and Maintenance**
- 2. Cleaning Your Laptops**
- 3. Cleaning the Laptop Display**

Self Check: Laptop Care and Maintenance - Download

Directions: Download this document and complete the activity. Correct answers can be found by reviewing the video tutorials and/or referencing the User Guide.

wcartLTC_Self-Check_4.pdf

E. Macintosh Laptop Components

- 1. Overview of Laptop Components**
- 2. Modem and Ethernet**
- 3. USB and Firewire**
- 4. Video and Audio**
- 5. Drive, Trackpad and Wireless**
- 6. Battery and Power Adapters**

Self Check: Macintosh Laptop Components - Download

Directions: Download this document and complete the activity. Correct answers can be found by reviewing the video tutorials and/or referencing the User Guide.

wcartLTC_Self-Check_5.pdf

F. Troubleshooting the Macintosh Laptop

- 1. Resetting the Laptop**
- 2. Laptop Won't start up**
- 3. System Freezes**

4. Display goes black

5. Wireless Connections Troubles

Self Check: Troubleshooting the Macintosh Laptop - Download

Directions: Download this document and complete the activity. Correct answers can be found by reviewing the video tutorials and/or referencing the User Guide.

[wcartLTC_Self-Check_7.pdf](#)

Classroom Connections: Flexibility and Planning - Download

Directions: Download this document and respond to the questions to help identify effective strategies for overcoming unanticipated events.

[wcartLTC_ClassroomConnections2.pdf](#)

Wireless Cart and Laptop Care User Guide - Download

Directions: Download the User Guide as a print reference to understanding the transport, set up, and network connection required in using the wireless carts, as well as laptop care, distribution, and maintenance.

[_wcartLTC_Mac_UG.pdf](#)

End of Module 1 - Thank you!

You have completed Module 1 of 4 Modules. You may **return to the list of Macintosh modules** or **continue on to Module 2**, entitled Learning Macintosh OS X and Laptop Resources.