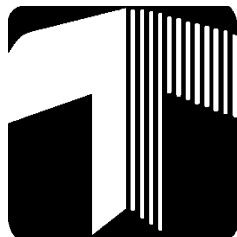




A+ Advanced Learning System  
FAQ's, Tips, Techniques  
and Other Information  
for  
Macintosh<sup>®</sup>



**Tarmac Educational Services, Inc.**

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[www.tarmaced.com](http://www.tarmaced.com)

Serving Educational Technology Since 1957

## Macintosh™ Hardware and Software Minimum Requirements

### **MINIMUM REQUIREMENTS FOR STAND-ALONE COMPUTERS:**

1. Macintosh or compatible with a 68040 or higher processor
2. Macintosh Operating System 7.5 Update 2.0 (7.5.3) or higher
3. 8 Mb of actual RAM or higher (16 Mb recommended)
4. CD-ROM Drive
5. 3.5" Floppy Drive
6. The following extensions must be installed:
  - Objectsupportlib (version 1.2 or newer)
  - QuickTime (version 2.1 or newer)
  - QuickTime PowerPlug (version 2.1 or newer)
  - Speech Manager (version 1.3 or newer)
  - Speech Recognition (version 1.5 or newer)\*\*Speech Recognition is necessary for A+LS version 2.12 or newer\*\*

### **MINIMUM REQUIREMENTS FOR WORKSTATION COMPUTERS:**

1. Macintosh or compatible with a 68040 or higher processor
2. Macintosh Operating System 7.5 Update 2.0 (7.5.3) or higher
3. 8 Mb of actual RAM or higher (16 Mb recommended)
4. CD-ROM Drive
5. 3.5" Floppy Drive
6. AppleShare 3.6.1 or higher
7. Open Transport 1.1.2 or higher
8. The following extensions must be installed:
  - Objectsupportlib (version 1.2 or newer)
  - QuickTime (version 2.1 or newer)
  - QuickTime PowerPlug (version 2.1 or newer)
  - Speech Manager (version 1.3 or newer)
  - Speech Recognition (version 1.5 or newer)\*\*Speech Recognition is necessary for A+LS version 2.12 or newer\*\*

### **MINIMUM REQUIREMENTS FOR NETWORK SERVERS:**

#### **Macintosh-Based:**

1. PPC 601 or higher processor.
2. Macintosh Operating System 7.5 Update 2.0 (7.5.3) or higher.
3. AppleShare 3.6.1 or higher
4. Open Transport 1.1.2 or higher
5. Refer to Network Operating System specifications for memory requirements.

#### **PC-Based:**

1. Pentium or equivalent 100 MHz or higher (133 MHz recommended)
2. Windows NT™ Server 3.51 Service Pack 5 or higher, Windows NT™ Server 4.0 Service Pack 3 or higher, Novell® NetWare™ 3.12 Support Pack 1 or higher.
3. Refer to Network Operating System specifications for memory requirements.

## Macintosh™ Basic Installation Instructions

The A+LS installation process should be easy and relatively quick for someone with little system knowledge. Installing extra titles is equally simple and follows the same procedures.

### **Stand-Alone**

#### Pre-Installation Notes

Check each machine prior to installation to be sure all components of that machine are running properly.

### **Installation of Software**

1. Insert the CD into the CD-ROM drive.
2. Insert the diskette labeled "CD Unlock Diskette."
3. Double-Click on the CD Icon.
4. When you see the picture with the blue water, click on "Continue."
5. Read the License Agreement. Clicking on "Continue" here means that you agree to the terms outlined in the License Agreement. Clicking on "Cancel" here will halt the installation process and return you to your desktop.
6. If you clicked on "Continue" on the License Agreement, you will now see your registration information. This should already be filled out. Click on "OK" to continue with the installation process.
7. The next screen asks what items you wish to install. You will see "ALS System Install" already highlighted. At this point, hold down the Open- Apple key and scroll down clicking on all titles that are in bold typeface and you wish to install.
8. Once all the titles you wish to install are highlighted, click on "Install" in the lower-right corner.
9. You are now asked where you wish to install A+LS. For simplicity purposes just click on "Install" here and install A+LS onto your desktop. Once A+LS is installed you may move the "A+LS" folder wherever you want it.

## **Network Installation**

### Server Install:

#### Pre-Installation Notes

Check the server prior to installation to be sure all components of that machine are running properly.

Installation may take place from either the server or from a workstation. The following instructions apply to either type of installation.

### Installation of Software

1. Insert the CD into the CD-ROM drive.
2. Insert the diskette labeled "CD Unlock Diskette."
3. Double-Click on the CD Icon.
4. When you see the picture with the blue water, click on "Continue."
5. Read the License Agreement. Clicking on "Continue" here means that you agree to the terms outlined in the License Agreement. Clicking on "Cancel" here will halt the installation process and return you to your desktop.
6. If you clicked on "Continue" on the License Agreement, you will now see your registration information. This should already be filled out. Click on "OK" to continue with the installation process.
7. The next screen asks what items you wish to install. You will see "ALS System Install" already highlighted. At this point, hold down the Open-Apple key and scroll down clicking on all titles that are in bold typeface and you wish to install. Do not click on "Workstation Install."
8. Once all the titles you wish to install are highlighted, click on "Install" in the lower-right corner.
9. You are now asked where you wish to install A+LS. If you are installing from the server, you can just click on "Install" in the lower right corner. Your "A+LS" folder will be installed onto your desktop. At that point you can move the "A+LS" folder wherever you want it.

If you are installing from the workstation, you should see a list box titled "Desktop." Below that list box you should see a larger window listing anything located on your desktop. Among that list you should see your server's hard drive name. Double-Click on the server's hard drive name. At this point, click on "Install" in the lower-right corner. Once the installation is complete you may move the "A+LS" folder wherever on the server you want it.

### **Workstation Install:**

#### Pre-Installation Notes

Check each of the workstations prior to installation to be sure all components of those machines are running properly.

There are two methods by which you can install a workstation. Both methods are listed below. We recommend using method 1.

### Installation of Software (Method 1)

1. Insert the CD into the CD-ROM drive at the workstation.
2. Insert the diskette labeled "CD Unlock Diskette."
3. Double-Click on the CD Icon.
4. When you see the picture with the blue water, click on "Continue."
5. Read the License Agreement. Clicking on "Continue" here means that you agree to the terms outlined in the License Agreement. Clicking on "Cancel" here will halt the installation process and return you to your desktop.
6. If you clicked on "Continue" on the License Agreement, you will now see your registration information. This should already be filled out. Click on "OK" to continue with the installation process.
7. The next screen asks what items you wish to install. You will see "ALS System Install" already highlighted. At this point, click on "Workstation Install." Click on "Install" in the lower-right corner.
8. You are now asked where you wish to install A+LS.
9. At this point, click on "Install" in the lower-right corner. Once the installation is complete you may move the "A+LS" folder wherever on the workstation you want it.

### Installation of Software (Method 2)

All work listed below will be performed from the workstation.

1. From the workstation, be sure A+LS is accessible on the server.
2. Open the "A+LS" folder on the server and locate the folders titled "Workstation ALS (PPC)" and "Workstation ALS (68k)."
3. Drag the appropriate folder to your desktop. If your Mac has four digits in its name (5200, 5215, 5260, 5400, ...) you should drag the "Workstation ALS (PPC)" folder to your desktop.
4. Once the files have copied, open up the "A+LS" folder on the server. You should see a folder titled "Utilities." Open the "Utilities" folder and double-click on the application titled "Font Installer."

## Macintosh™ Tips

### **How to Mount the Server**

1. Click on the apple in the upper-left corner of your screen and select "Chooser" from the menu.
2. Click on "AppleShare" in the left side of the window.
3. A list containing the server(s) available will appear on the right side of the window.
4. Click on the appropriate server and press "OK." You may be required to log in to the network so be sure you have a valid name and password.
5. You may also be required to select a specific volume to mount. If so click on the volume to be mounted and press "OK."
6. At that point, you can close the "Chooser" and you should see the server's icon on your desktop.

### **How to find out how much RAM you have**

1. Click on the apple in the upper-left corner of your screen and select "About This Computer."
2. On the left side of the window you should see "Built-in Memory." This is the amount of actual RAM you have in this machine.

### **How to find out what Operating System you have**

1. Click on the apple in the upper-left corner of your screen and select "About This Computer."
2. In the upper-right corner of the window you should see the version of Mac OS. This is the Operating System you are running on this machine.

### **How to get to the Extensions folder and what do I look for**

1. Double-Click on your Hard Drive. When it opens you should see a "SystemFolder." Double-Click on the "System Folder" to open it up. You should now see a folder titled "Extensions." Double-Click on the "Extensions" folder.
2. You should look for the following:
  - Objectsupportlib version 1.2 or higher
  - Quicktime version 2.1 or higher
  - Quicktime PowerPlug version 2.1 or higher
  - Speech Manager version 1.3 or higher
  - Speech Recognition version 1.5 or higher (For A+LS 2.12 or newer)

### **How to find what version an extension is**

1. Open the "Extensions" folder using the instructions previously stated.
2. Single-Click on the extension just to highlight it.

3. Go up to "File" at the top of the screen. Click on "File" and select "Get Info."
4. You should see the version about 2/3 the way down the window.

### **Tips on how to safely install A+LS**

1. In a network environment, install the "Workstation Install" only at the workstation and the "A+LS System Install" and all titles should only be installed on the server.
2. Disable any virus protection software before installing A+LS. You may enable the virus protection software once the installation is complete.
3. Disable any desktop security (At Ease, MacManager, ...) software before installing A+LS. You may enable the desktop security software once the installation is complete.

### **How to contact us here at The American Education Corporation**

1. Go to [www.amered.com](http://www.amered.com)
2. Call 1-800-222-2811
3. Email us at [macsup@amered.com](mailto:macsup@amered.com)

### **How to setup network rights when using AppleShare**

1. From the server click on the apple in the upper-left corner and go down and select the "AppleShare Admin" option.
2. Click on "Privileges" at the top of the screen and select "Access information."
3. In this window be sure all users have "See Files," "See Folders," and "Make Changes" selected for the A+LS folder. This will consist of 9 boxes that must be checked.
4. Also check the box for "Make all enclosed folders like this one."
5. Do not check the box for "Can't be removed, renamed or deleted."
6. Click the "Save" button.
7. You will then be asked if you want "Inherent" or "Explicit" rights for this folder. You should select "Explicit."

### **How to setup network rights when using Novell 4.11**

1. From the server go to the "File" menu and scroll down to "Run."
2. Type *NWADMIN*
3. A window will appear. On the left side select your group of users.

4. Add the correct A+LS directory.
5. Click on "Rights to Files and Directories."
6. Give the following rights: "R," "W," "C," "E," "M," and "FS." Those initials stand for Read, Write, Create, Erase, Modify, and FileScan.
7. Save it and you're done.

### **How to setup network rights when using Windows NT 4.0**

1. Click on "Start" and go up to "Run." Type *WinFile* at the prompt. The file manager will open.
2. Locate the "A+LS" directory and click on it to highlight it.
3. Go to "MacFile" on the menu bar and select "View / Modify Volumes."
4. Select "Properties" and then select "Permissions."
5. At this point set the same rights here as for described for AppleShare above.

### **How to install additional titles or upgrade existing software**

#### **Stand-Alone:**

1. For simplicity purposes, drag the current A+LS folder to the desktop.
2. Insert the CD into the CD-ROM drive.
3. Insert the diskette labeled "CD Unlock Diskette."
4. Double-Click on the CD Icon.
5. When you see the picture with the blue water, click on "Continue."
6. Read the License Agreement. Clicking on "Continue" here means that you agree to the terms outlined in the License Agreement. Clicking on "Cancel" here will halt the installation process and return you to your desktop.
7. If you clicked on "Continue" on the License Agreement, you will now see your registration information. This should already be filled out. Click on "OK" to continue with the installation process.
8. The next screen asks what items you wish to install. At this point, select the titles you wish to install or upgrade. To select more than one item at a time hold down the Open-Apple key and scroll down clicking on any titles that are in bold typeface and you wish to install.
9. Once all the titles you wish to install are highlighted, click on "Install" in the lower-right corner.
10. You are now asked where you wish to install A+LS. Just click on "Install" here and install A+LS onto your desktop. Once A+LS is installed you may move the "A+LS" folder wherever you want it.

## Network:

- **NOTE: Be sure the server is mounted at the workstation.**

1. At the workstation insert the CD into the CD-ROM drive.
2. Insert the diskette labeled "CD Unlock Diskette."
3. Double-Click on the CD Icon.
4. When you see the picture with the blue water, click on "Continue."
5. Read the License Agreement. Clicking on "Continue" here means that you agree to the terms outlined in the License Agreement. Clicking on "Cancel" there will halt the installation process and return you to your desktop.
6. If you clicked on "Continue" on the License Agreement, you will now see your registration information. This should already be filled out. Click on "OK" to continue with the installation process.
7. The next screen asks what items you wish to install. At this point, select the titles you wish to install or upgrade. To select more than one item at a time hold down the Open-Apple key and scroll down clicking on any titles that are in bold typeface and you wish to install.
8. Once all the titles you wish to install are highlighted, click on "Install" in the lower-right corner.
9. You are now asked where you wish to install A+LS. In the window you will see the name of your server's hard drive. Double-Click on the server's hard drive. If you see the A+LS folder in the large window click on "Install" in the lower-right corner. If not, double-click on the directory in which A+LS is installed and then click on "Install" in the lower-right corner.

## How to get to the Memory Control Panel and the proper settings

1. Click on the apple in the upper-left corner of your screen and select "Control Panels."
2. The "Control Panels" folder should open. Inside this folder you should see a file called "Memory."
3. Double-Click on "Memory." Below are the proper settings for this control panel. Keep in mind depending on which Operating System you have you may not have some of these options.

## 68k Macintosh:

<u>Built-in Memory</u>	<u>Disk Cache Modern</u>	<u>Memory Manager</u>	<u>Virtual Memory</u>	<u>Ram Disk</u>
8 Mb	256k	On	On / 15 Mb	Off
12 Mb	384k	On	On / 15 Mb	Off
16 Mb	512k	On	Off	Off
20 Mb	512k	On	Off	Off
24 Mb	512k	On	Off	Off
32 Mb	512k	On	Off	Off
40 Mb	512k	On	Off	Off

## Power Macintosh:

<u>Built-in Memory</u>	<u>Disk Cache</u>	<u>Modern Memory Manager</u>	<u>Virtual Memory</u>	<u>Ram Disk</u>
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8 Mb	256k	On	On / 15 Mb	Off
12 Mb	384k	On	On / 15 Mb	Off
16 Mb	512k	On	On / 17 Mb	Off
20 Mb	768k	On	On / 21 Mb	Off
24 Mb	768k	On	On / 25 Mb	Off
32 Mb	1024k	On	On / 33 Mb	Off
40 Mb	1024k	On	On / 41 Mb	Off

## Macintosh™ Frequently Asked Questions

- **I received both a CD and a diskette with my order. Is this correct?**

Yes, with the Macintosh version of A+LS, you receive a CD which contains the software installer and an Unlock Diskette which unlocks the appropriate titles for your school.

- **During the installation procedure a white box appears with the only option being "OK." When I select "OK" another message box appears saying the "Installation did not complete successfully." What is happening?**

This means your Unlock Diskette is corrupted and needs to be replaced. Although we use the highest quality diskettes, they may occasionally go bad during shipping or just from being inserted into different computers' floppy drives. It is important to mention diskettes must be stored properly. Keep diskettes in a cool humid-free location. Diskettes should not be stored near magnetic devices as this will cause them to go bad. If your Unlock Diskette does go bad call 1-800-222-2811 to get a replacement.

- **When I try to log in I receive a message saying I'm already logged in. How can this be?**

This may occur due to one of a couple reasons. First, if you logged off improperly (by any other means other than clicking on the window icon) the program thinks you are still logged in. Secondly, if you had a power outage or something that caused your computer to be shut down abruptly while you were logged in the software thinks you are still logged in. To correct this, there are two possible fixes.

First way is called the "option-override" feature. At the log on screen, type in your username in the appropriate field. Hold down the "option" key and press the "return" key. Your cursor will then move down to the password field where you can enter your password. You will then be able to get back into the program.

The other way to get back in to the program is to manually go in and log off the user. To do this you will need the assistance of the "System Administrator." The "System Administrator" will log in and select "Manager" from the main menu. The "System Administrator" will then go into the user database by selecting the button in the upper left-hand corner displaying the single person. At this point the "System Administrator" will scroll down to the desired user and click on their name. Once their name has been selected, click on the "In use" box which will remove the "X" and allow the user to log in.

If these options do not work for you, please call 1-800-222-2811 for further assistance.

- **I can log in fine but when I try to go to "Lessons" I receive a message saying it "could not find the PROGRAM.DB." What is the "PROGRAM.DB" and how can I make the program find it?**

The "PROGRAM.DB" is the file that tells the software what titles you have installed. What this generally means is the software was not installed properly. To correct this problem go back through the installation process. When given the options of what you want to install, hold down the "Open-Apple" or "Command" key (located directly to the left of your space bar) and scroll down and click on each of the titles which are in bold typeface. Once all the titles are selected click on the "Install" button at the lower right. Then proceed with the installation. If you still receive this message please call 1-800-222-2811 for further assistance.

- **When I double click on the "A+LS Manager" I receive a message saying "This program must be launched from the Advanced Learning System shell called ALS." Does this mean I can not use the manager functions?**

No, the only icon you will click on is titled "ALS." All the other icons are used by the application titled "ALS." Once you are logged into "ALS" you will have access to the manager functions.

- **When I try to launch A+LS, I receive a message saying "the USER.DB could not be found, please ensure the necessary server is mounted." What does this mean?**

This occurs on two occasions. First of all, this can happen if you are running a network version of A+LS and do not have the necessary server mounted. To correct this, mount the necessary server via the chooser. Instructions for mounting the server are found in this "Macintosh Tips" section of this handbook.

Secondly, this message may be displayed if you are running a network version of A+LS on a stand-alone machine. To correct this, either install the correct version or install on the correct configuration.

- **When I click on the "Lessons" button nothing happens. What's wrong?**

This usually means some or all of the necessary extensions are either missing or outdated. To solve this check for the necessary extensions (listed in the "Macintosh Tips" section of this handbook) and confirm their versions.

- **When I try to install A+LS it gets most of the way completed and then freezes up the computer. Why is this and how can I prevent it?**

Chances are you have quite a few titles and you are overloading the system and receiving a "Bus Error." To solve this install A+LS in two separate halves. Install the first half of your titles and then, once completed, install the second half of your titles.

## **Macintosh™ DS Errors**

- 01 = Bus Error: The Mac has tried to access memory that doesn't exist.
- 02 = Address Error: Your processor tried to access an odd-numbered RAM address when it should have accessed an even-numbered RAM address.
- 03 = Illegal Instruction: Your software issued an instruction your Mac's processor model doesn't understand.
- 04 = Zero Divide Error: Programming error. Programmers forgot to take this "test instruction" out of the program.
- 05 = Range Check Error: The software checked to see if a number was within a certain range and it wasn't.
- 06 = Overflow Error: A number was too large for the space the software allotted for it.
- 09 = Line 1010 & 1111 Trap: The software has issued an instruction the computer doesn't understand.
- 10 = Same as 09
- 11 = Hardware Exception Error: Memory settings are incorrect, Extension conflict, corrupted font, or a Power Mac program that doesn't play well with others.
- 20 = Stack Ran Into Heap: You've possibly run out of memory.
- 25 = Memory Full Error: You've possibly run out of memory.
- 26 = Bad Program Launch: The program you are trying to launch needs to be reinstalled.

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## **Macintosh™ Negative Code Errors**

- 0 thru -8 = General system errors.
- 17 thru -61 = Errors involving files and disks. (Input and Output)
- 34 = Disk is full.
- 35 = No such disk or the Mac cannot find the disk it is looking for.
- 37 = Invalid filename.
- 39 = A corrupted file is on the disk, or the disk is having problems.
- 41 = File is too big to fit into memory.
- 42 = Too many files open.
- 60 = Something is wrong with the disk directory.

<b>Version 2.13x Disk 1 installation:</b>		
Component	Title	Size in Mbs
Manuals		9
<b>Reading (65Mb)</b>		
	Comprehension I	9
	Comprehension II	2
	Comprehension III	1
	Vocabulary I	21
	Vocabulary II	1
	Vocabulary III	0
	Word Analysis I	18
	Word Analysis II	5
	Word Analysis III	4
<b>Language Arts (192Mb)</b>		
	Grammar & Usage I	17
	Grammar & Usage II	1
	Grammar & Usage III	1
	Spelling I	14
	Spelling II	18
	Spelling III	26
	Spelling IV	28
	Spelling V	28
	Spelling VI	27
	Spelling VII	26
<b>Writing (55Mb)</b>		
	Grammar & Writing I	31
	Grammar & Writing II	22
	Grammar & Writing III	0
	Grammar & Writing IV	0
	Grammar & Writing V	0
	Grammar & Writing VI	0
<b>Mathematics (168Mb)</b>		
	Mathematics I	21
	Mathematics II	17
	Mathematics III	15
	Mathematics IV	9
	Mathematics V	6
	Mathematics VI	5
	Mathematics VII	3
	Mathematics VIII	4
	Algebra I, Part I	4
	Algebra I, Part 2	4
	Algebra II, Part 1	5

<b>Version 2.13x Disk 1 installation:</b>		
Component	Title	Size in Mbs
	Algebra II, Part 2	4
	Calculus I	19
	Calculus II	3
	Geometry	12
	Pre-Algebra	3
	Real World Math	11
	Trigonometry	14
<b>Assess (92Mb)</b>		
	Primary	74
	Intermediate	9
	Advanced	3
	High School	4
<b>Mediaweaver (128Mb)</b>		
	System	92
	Elementary Novel	2
	Elementary Skills	1
	Intermediate Novel	3
	Intermediate Skills	2
	High School Novel	1
	High School Skills	2
	Elementary Novel 2	1
	Elementary Skills 2	2
	Intermediate Comp	4
	Intermediate Novel 2	3
	Intermediate Skills 2	2
	High School Comp	7
	High School Novel 2	3
	High School Skills 2	1
	Spanish Elem Language	2
	Spanish Elem Writing	1
<b>Internet (6Mb)</b>		
	A+Net	6
<b>Total</b>		<b>693 Mb</b>

<b>Version 2.13x Disk 2 installation:</b>		
<b>Component</b>	<b>Title</b>	<b>Size in Mbs</b>
Manuals		9
<b>Science (806Mb)</b>		
	Science I	16
	Science II	2
	Science III	3
	Science IV	4
	The Sciences I	73
	The Sciences II	115
	The Sciences III	136
	The Sciences IV	42
	The Sciences V	31
	The Sciences VI	37
	The Sciences VII	48
	The Sciences VIII	47
	Biology	73
	Chemistry I	12
	Chemistry II	12
	Earth & Space Science	125
	Physics	21
<b>Social Studies (73Mb)</b>		
	US History I	4
	US History II	6
	World History I	7
	World History II	7
	US Geography	4
	World Geography	4
	Economics	15
	Government	22
<b>Assess (92Mb)</b>		
	Primary	74
	Intermediate	9
	Advanced	3
	High School	4
<b>Internet (46Mb)</b>		
	A+Net	6
	Biology	1
	Chemistry	1
	Geometry	1
	History	1
	Language Arts I	1
	Language Arts II	1
	Mathematics	1
	Science	0

<b>Version 2.13x Disk 2 installation:</b>		
<b>Component</b>	<b>Title</b>	<b>Size in Mbs</b>
	Social Studies I	14
	Social Studies II	12
	Thematic Units	0
A+LS World Book		0
	<b>Total</b>	<b>1004 Mbs</b>

<b>Version 2.13x Disk 3 installation:</b>		
<b>Component</b>	<b>Title</b>	<b>Size in Mbs</b>
Manuals		9
<b>Assess (92Mb)</b>		
	Primary	74
	Intermediate	9
	Advanced	3
	High School	4
<b>Language Arts (42Mb)</b>		
	Language Usage I	92
	Language Usage II	138
	Language Usage III	131
	Language Usage IV	9
	Language Usage V	13
	Language Usage VI	5
	Language Usage VII	6
	Language Usage VIII	12
	Secondary Language Usage	11
<b>Reading (479 Mb)</b>		
	Reading I	135
	Reading II	136
	Reading III	155
	Reading IV	9
	Reading V	7
	Reading VI	9
	Reading VII	10
	Reading VIII	8
	Secondary Reading	10
<b>Total</b>		<b>995 Mbs</b>

<b>Version 2.13x Disk 4 installation:</b>		
Component	Title	Size in Mbs
Manuals		9
Assess (92Mb)	Primary	74
	Intermediate	9
	Advanced	3
	High School	4
Reading (453Mb)	Building Vocabulary I	143
	Building Vocabulary II	124
	Building Vocabulary III	113
	Building Vocabulary IV	12
	Building Vocabulary V	16
	Building Vocabulary VI	14
	Building Vocabulary VII	11
	Building Vocabulary VIII	9
	Secondary Vocabulary	11
	Total	552 Mbs

## Macintosh™ A+LS Ver. 2.x Installation Checklist

School Name: \_\_\_\_\_

Installer (please print): \_\_\_\_\_

To receive technical support from AEC, please complete the following form and fax it to (405) -840-3043.

- I have made a backup of the CD Unlock Diskette.

### **STAND-ALONE MACHINES AND/OR NETWORK WORKSTATIONS:**

- Have at least a 68040 or PPC processor.
- Have at least 8 megabytes of physical RAM.
- Virtual Memory: (1) 68k machines have either 14 megabytes of physical RAM or Virtual Memory turned on and set to a minimum of 14 megabytes (not to exceed twice the size of physical RAM); (2) PowerPCs have Virtual Memory turned on and set to the higher of (a) 14 megabytes OR (6) one megabyte higher than the physical RAM.
- Have the following extensions installed: (1) Speech Manager 1.3 or higher, (2) QuickTime 2.1 or higher, (3) QuickTime PowerPlug 2.1 or higher, (4) ObjectSupportLib v1.2 or higher, and (5) Speech Recognition 1.5 or higher (required for A+LS version 2.12 or higher only).
- Are running Mac OS v 7.5 Update 2 (7.5.3) or higher.
- If I am using a security program such as AtEase™, I have given all users access to the following applications (if installed): ALS, Letter Lightning, ALS Manager, ALS Lessons, A+SSESS, and Runc.
- Have selected a printer from the Chooser Control Panel.

### **NETWORK INSTALLATIONS:**

- The network server either: (1) has a PPC 601 processor or higher and 16 megabytes of physical RAM; or, (2) supports the minimum hardware requirements for Windows NT™ Server or Novell® NetWare™.
- The network server is running: (1) Mac OS v 7.5 Update 2 (7.5.3) or higher, AppleShare™ 3.6.1 Rev. B or higher, and Open Transport™ v1.1.2 or higher; (2) either Windows NT Server 3.51 Service Pack 5 or higher or Windows NT Server 4.0 Service Pack 2 or higher; or (3) either Novell® NetWare 3.12 Support Pack 1 or higher or Novell® NetWare 4.11 or higher.
- All users who will access A+LS have network access rights described in the installation instructions.

I certify that A+LS has been installed properly in the environment defined above. If any items applicable to my installation are not checked, I understand that A+LS has been installed in an environment below A+LS specifications, and waive all rights I might otherwise have under the A+LS warranty. I further understand that any future changes in the environment in which A+LS is running which would cause the environment to fall below specifications constitutes a waiver of my warranty rights.

Installer's Signature: \_\_\_\_\_  
Date: \_\_\_\_\_