

Cognitive Tutor® Software 2009-2010 System Requirements

Student and Teacher Computers For All Software Deployments		
MICROSOFT WINDOWS®		
	Minimum Supported	Recommended (Or Better)
Operating System	Windows® XP	Windows Vista™
Processor	600 MHz	1.5 GHz
RAM	512 MB	1 GB
Disk Space	400 MB free	500 MB free
Monitor	800 x 600 resolution High Color (16 bit)	1024 x 768 resolution High Color (16 bit)
Network	10 MB Ethernet	100 MB Ethernet
Other	CD-ROM drive	CD-ROM drive
<input type="checkbox"/> Java Runtime Environment (JRE) 1.5.0_11 or 1.6.0 or higher required for Carnegie Learning ONLINE		
APPLE MACINTOSH®		
	Minimum Supported	Recommended (Or Better)
Operating System	Mac® OS X 10.4.11	Mac® OS X 10.5
Processor	400 MHz G4	867 MHz G4, G5 or Intel Dual Core
RAM	512 MB	1 GB
Disk Space	400 MB free	500 MB free
Monitor	800x600 resolution Colors set at Thousands	1024x768 resolution Colors set at Thousands
Network	10 MB Ethernet	100 MB Ethernet
Other	CD-ROM drive	CD-ROM drive
Servers For Client Server (LAN) deployment Only		
MICROSOFT WINDOWS®		
	Minimum Supported	Recommended (Or Better)
Operating System	Windows® 2000 Server	Windows® 2003 Server
Processor	400 MHz	650 MHz
RAM	512 MB	1 GB
Disk Space	2.5 GB free	3 GB free
Other	CD-ROM drive	CD-ROM drive
APPLE MACINTOSH®		
	Minimum Supported	Recommended (Or Better)
Operating System	Mac® OS X 10.4 Server	Mac® OS X 10.4 Server
Processor	400 MHz G4	867 MHz G4
RAM	512 MB	1 GB
Disk Space	2.5 GB free	3 GB free

Other	CD-ROM drive	CD-ROM drive
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Network Configuration Recommendations

Remote Hosted implementations, including Carnegie Learning ONLINE, require reliable broadband Internet access from the school to the Carnegie Learning server.

Wireless Connection: When using a wireless network, 802.11g (54 Mbps) wireless technology is required for the best performance with no more than 25-30 computers connecting to a single wireless access point at one time. The wireless network router must be connected to a network that meets the requirements above.

Internet Connection: Internal network: 100 Mb Ethernet

Bandwidth: Sustained bandwidth of at least 1 kilobit per second per student session in the aggregate, with a minimum of 100 kbps burst recommended, 300 kbps burst preferred.

Implementation Options

Carnegie Learning® ONLINE 2009-2010 Cognitive Tutor with Java WebStart: Carnegie Learning ONLINE provides a flexible option for implementing the Cognitive Tutor software and keeping the software updated via the Internet. The Carnegie Learning ONLINE option allows students and teachers to access from anywhere. This implementation option also allows students to use Cognitive Tutor Review which is only available through Carnegie Learning ONLINE. Teachers can create custom curricula using this implementation option. The installation can be run on any machine meeting the standard system requirements for the client computers. No install CD is required and multiple computers can download and install the software simultaneously. Installation is only required on individual teacher and student computers, and no local server is necessary. All data is stored on Carnegie Learning's server and accessed remotely by the client computers via a reliable Internet connection. Carnegie Learning handles all server maintenance, including server upgrades and data back ups. Using Java WebStart assures that all machines running the Cognitive Tutor will have access to the most current updates and provides a simpler initial deployment and update process. A School ID assigned by Carnegie Learning Customer Support is required. You can access your School ID and launch the software by going to the Carnegie Learning Online Community at <http://online.carnegielearning.com>.

JRE (Java Runtime Environment) 1.5.0_11 is the minimum required to use Carnegie Learning ONLINE. JRE 1.6.0 and higher is also supported.

A minimum of a T1 connection with a local web cache or a T3 connection with or without a local web cache is required. The initial product download size is 5.5 Mb.



Supported web browsers for Carnegie Learning products include; Internet Explorer 7.0 or higher, Fire Fox 2.0 or higher, and Safari 2.0 or higher.

Remote Hosted: Installation is only required on individual teacher and student computers, and no local server is necessary. Teachers can create custom curricula using this implementation option. All data is stored on Carnegie Learning's server and accessed remotely by the client computers with installed software or via Carnegie Learning ONLINE. Carnegie Learning handles all server maintenance. A School ID assigned by Carnegie Learning Customer Support is required. You can access your School ID by going to <http://online.carnegielearning.com> and choosing the Resource Center link and then the My Account tab.

Client/Server (LAN): This option requires installation of the Cognitive Tutor software on both an internal network server and on individual teacher and student computers (Clients). The server must meet minimum requirements (please refer to the system requirements). All data is hosted on the school's internal server. We strongly suggest that security measures and appropriate file access is set up to avoid inadvertent or malicious data corruption. Please Note: Several advanced features such as creating custom curriculums and Cognitive Tutor® Review are not available with this implementation option.

Stand-Alone: This option is for home school users or customers who do not have Internet access. It is typically used for one or two students and all data is stored on the client computer. It does not require any network access or a server installation.

NOTES

Some laptop computers require adjusted power management settings in order to run Cognitive Tutor properly when running on battery power.

The Cognitive Tutor is not compatible with Microsoft Windows Terminal Services.

We cannot guarantee performance for systems not listed under our Minimum Supported specifications.

All installations require a serial number and/or a School ID.

Hardware and software technologies change frequently. Carnegie Learning reserves the right to make changes to these system requirements at any time.