

**Workstation System Requirements**

Components	Windows Vista (Home Premium, Business, Ultimate) Windows 7 (Home Premium, Professional, Ultimate)	Windows XP Professional	Macintosh OS 10.3 or later
<b>CPU Minimum/Recommended</b>	800 MHz/1.8 GHz	450 MHz/800 MHz	500 MHz/800 MHz
<b>Memory Minimum/Recommended</b>	512 MB/1GB	128 MB/512 MB	128 MB/512 MB
<b>Disk Space</b>	Based on your browser cache setting		
<b>Video Minimum/Recommended</b>	128 MB/128 MB	Super VGA/64 MB	Super VGA/64 MB
<b>Screen Resolution</b>	Minimum 800 x 600 Recommended minimum 1024 x 768 if Fluency Portfolio or Response to Intervention add-ons are installed.		
<b>Audio requirements</b>	On-board sound Headphones (full ear cover recommended) When the Fluency Portfolio or Response to Intervention add-on is used, headphones with a good quality microphone are needed. For the Macintosh, a USB microphone is recommended.		
<b>Browser software</b>	Internet Explorer 6.0 (SP1) Internet Explorer 7.0 Firefox 1.5 or later Opera 9.1 <sup>1</sup> or later		Firefox 1.5 or later Safari 1.3 (OS 10.3 only) Safari 2.0 or later (OS 10.4 or later)
<b>Network</b>	Adobe Flash Player 9 or 10 JavaScript, cookies, and pop-ups must be enabled in all browsers.		
<b>Network</b>	100 Mbps LAN adapter (or greater) Requires TCP/IP networking connection to the Server Station. Fluency Portfolio and Response to Intervention add-ons require access to unproxied TCP ports 5910 and 5911		

<sup>1</sup> The Opera browser is recommended if you are operating in Kiosk mode, which restricts students' access to browser controls.

## Server Station System Requirements

	Windows Server 2003 Windows Server 2008	XP Professional	Vista Business Vista Ultimate Windows 7 Ultimate
<b>CPU Processor</b>			
<b>&lt; 100Users</b>	1.8 GHz +	1.8 GHz +	2.8GHz+
<b>100 – 250 Users</b>	2.4 GHz +	Not supported	Not supported
<b>250 – 1000 Users</b>	3.0 GHz + (Dual processor recommended for 500 or more users)	Not supported	Not supported
	Windows XP Professional, Vista Business and Ultimate, Windows 7 Ultimate can support up to a maximum of 50 concurrent users		
<b>Memory</b>			
<b>&lt; 100Users</b>	1 GB	1 GB	2 GB
<b>100 – 750 Users</b>	2 GB	Not supported	Not supported
<b>750 – 1000 Users</b>	3 GB +	Not supported	Not supported
<b>Disk Space</b>	20 GB (40 GB recommended)	10 GB (20 GB recommended)	20 GB (40 GB recommended)
	When the Fluency Portfolio add-on is used, allow an additional 28 MB per student.  Allow an additional 3 MB per user per year per subject for the database, database backup and log files. For example, the annual incremental disk space requirement for a student training in the Academy of READING and the Academy of MATH is 6 MB.		
<b>Video</b>	Super VGA 64 Mb recommended	Super VGA 64 Mb recommended	Super VGA 128Mb recommended
<b>Sound</b>	On-board	On-board	On-board
<b>Network</b>	100 Mbps or greater	100 Mbps	100 Mbps
<b>Other</b>	File backup system, UPS recommended		

Choose the server configuration needed to accommodate the maximum number of users given available network bandwidth as described in the **Bandwidth Requirements** on the next page.

When the optional Response to Intervention add-on is installed, students can be registered as “Test Only”, which means that they do not train in the academy and are not counted against the maximum number of concurrent students allowed by your license. However, if you expect to be testing a large number of these students at any given time, you should take them into account when selecting your server hardware.

*Note: Specifications are subject to updates and changes.*

## Bandwidth Requirements

Available bandwidth between the workstation and server may limit the maximum number of concurrent users. For staff accessing the Management System, bandwidth requirements are typically less than 10 Kbps and may be effectively run over a 56Kbps dialup connection. Please consider other network usage when determining available bandwidth for the Academy.

Installed applications	Bandwidth required per student workstation (individual)		
	With no add-ons installed	With Fluency Portfolio Add-on for the Academy of READING	With Response to Intervention Package for the Academy of READING †
Academy of READING	28 Kbps	100 Kbps	100 Kbps
Academy of MATH	36 Kbps	N/A	N/A
Academy of READING and Academy of MATH	36 Kbps	100 Kbps	100 Kbps

† The Progress Monitoring Test can use up to 100Kbps because of the requirement for streaming audio. If a large number of students are doing a Progress Monitoring Test (as would be the case when the school is completing a Universal Screening Test), the required bandwidth will temporarily increase to 100Kbps per student.

## Supported Browsers

Windows Workstations			
	IE 6 or later	Firefox 1.5 or later	Opera 9.1 or later
Vista Home Premium, Ultimate, Business	✓	✓	✓
Windows 7 Home Premium, Professional, Ultimate	✓	✓	✓
Windows XP Professional	✓	✓	✓

Macintosh Workstations			
	Firefox 1.5 or later	Safari 1.3	Safari 2.0 or later
OS 10.3	✓	✓	
OS 10.4 or later	✓		✓

## System Configuration

The Academy of READING and Academy of MATH application software is located on a central Server Station computer. It provides interfaces for staff members and students. The Management System is the interface that teachers and other staff members use. Separate student interfaces are provided for the Academy of READING and the Academy of MATH. All interfaces can be accessed from any supported client workstation web browser.

Items installed on the Server Station include the Academy application software, a database, an Apache web server, and the services to control them. The database and the web server are used only by the Academy. They are independent of any other databases or web servers that may already be installed.

For additional information, contact School Specialty Intervention technical specialists at [AcademySupport@schoolspecialty.com](mailto:AcademySupport@schoolspecialty.com).

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