



## System Requirements

General DataManager System Requirements			
Operating System	Web Browser	Software	Screen Resolution
Windows 8	Microsoft Internet Explorer 10 and up	Adobe Reader 9.0 or higher	Minimum: 1024x768 screen resolution
Windows 7	Microsoft Internet Explorer 8 and up or the current version of Firefox JavaScript must be enabled	Adobe Flash player for training videos	
Windows Vista			
Windows XP			
Mac OS X 10.6 Snow Leopard or higher	Safari 5 or the current version of Firefox JavaScript must be enabled	Adobe Reader 9.0 or higher  Adobe Flash player for training videos	
System Requirements for reporting (PC and Mac)			
Processor: 2 GHz or faster processor RAM: 2 GB RAM or more is recommended for optimal performance			
Internet/Network Requirements			
High Speed Internet connection			

## Online Testing Student Workstation System Requirements

Student System Requirements for Online Testing			
Operating System	Web Browser	Software	Screen Resolution
Windows 8	Microsoft Internet Explorer 10 and up	Adobe Reader 9.0 or higher	Minimum: 1024x768 screen resolution
Windows 7	Microsoft Internet Explorer 8 and up		
Windows Vista	JavaScript must be enabled		
Windows XP	Internet Explorer 8 requires Adobe Flash 11.8 or higher for Audio test administrations		
Mac OS X 10.6 Snow Leopard or higher	Safari 5 JavaScript must be enabled	Adobe Reader 9.0 or higher	

iPad 2 or higher	iOS 7 and up	HMH/RIVERSIDE DATAMANAGER student testing app (App Store download)	
Chromebook	Chrome OS version 44	DataManager student testing app (Chrome Web Store download)	
<p>Processor: 1 GHz or faster processor RAM: 1 GB RAM or more is recommended for optimal performance</p> <p>Turn off automatic updates during the testing window.</p>			

## Online Testing System Checker

The System Check generates a report that indicates if the computers meet the requirements. It will also indicate the number of simultaneous online test takers the schools network can support.

To get an accurate estimate, run the system check at multiple times during the day on different days, ideally on the days of the week and times of the day at which you plan to test. Other users streaming multimedia will use large amounts of bandwidth and reduce both the available bandwidth and the number of simultaneous test takers. Recommended bandwidth is (105 kbps/online test).

The System Check is accessed from the following URL: <http://www.riversideonlinetest.com/systemcheck>

## Online Testing Secure Browser

The Secure Browser opens the student login page using a browser window (Internet Explorer or Safari). It places the computer into a kiosk mode to prevent the student from using other programs on the workstation. This preserves the integrity of the test and prevents students from accessing other websites and performing certain actions that could interrupt the test or cause invalid test results.

The Secure Browser is a small, stand-alone executable file that can run from the desktop. It does not require an install. The executable file needs to be placed on each student workstation that will be used for testing. The file is available on the DataManager Product Information page.

<http://www.riversidepublishing.com/products/datamanager/platinum.html>

If you have a Virtual Machine environment please contact the DataManager Support Center.

## Online Testing Screen Resolution

Check each workstation to ensure that the display is set at recommended screen resolution for that monitor. The minimum screen resolution for the test is 1024 x 768 and should not exceed 1440 x 900.

DPI scaling and other advanced display settings should be set to default. The Windows default setting for DPI scaling is 96 dpi (normal). The Mac OS default setting for DPI scaling is 72 dpi.

Note: Any changes to screen resolution must be made prior to testing or during the practice session. Settings cannot be changed once a test session has begun.

## Online Testing with Wireless Networks

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If you are using a wireless network (Wi-Fi), please consult your local technical administrator to ensure your network adheres to best practices for wireless network design.

The number of devices per access point should be less than the vendor's recommendation. In addition, we recommend wireless access points with 802.11n capability using WPA2 encryption with a 100BASE-T uplink to the local area network.

To reduce wireless network bottlenecks, use access points with 802.11n simultaneous dual-band (2.4 GHz and 5 GHz) with Gigabit uplink to the local area network.

Nearby and "rogue" wireless networks, specifically those from mobile hotspot devices and smartphone tethering, will impact test performance.

### **For additional support and questions:**

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