

2012 MEPA-R/W Online Testing: Technical Requirements for School-based Technology

Local Network		
Network Connection Specifications	Wired (required for each test administrator's computer): 100 Mbps Fast Ethernet TCP/IP (Minimum) Wireless: Minimum - 802.11g; Recommended - 802.11n	
Internet Bandwidth	Minimum - 1 Mbps with at least 8 Kbps per concurrent user	
Firewall / Proxy / Internet Content Filtering	Set to allow connections to *.measuredprogress.org	
Uniform Resource Locators (URLs)	Set to allow connections to: https://mepaonline.measuredprogress.org	
Internet Protocol (IP) Addresses	Set to allow connections to: 64.140.199.0 through 64.140.199.24 inclusive	
Ports	Set to allow connections to ports 80 and 443	
Email	Allow emails from @measuredprogress.org, as the system sends account information via email to users on behalf of the person creating/updating the account.	
Students' Computers - One for each student testing concurrently		
	Windows	Macintosh
Operating System ¹	Windows XP SP3 or (32-bit only) Windows Vista SP2 (32-bit only) Windows 7 Home Premium or greater	OS X 10.4.11, 10.5.8 or 10.6.8 Note: 10.6 Snow Leopard requires that optional component Rosetta is installed from the OS 10.6 installation disk for Intel-based computers.
RAM	Windows XP SP3: 512 MB or greater, or Windows Vista SP2: 1 GB or greater Windows 7: 1 GB or greater for 32-bit, 2 GB or greater for 64-bit	10.4 Tiger or 10.5 Leopard: 512 MB or greater 10.6 Snow Leopard: 1 GB or greater
Internet Browser	None required. Firefox Portable Kiosk (FPK) is installed with the Student Test Workstation (STW) software.	
Processor	Pentium III 1.33 GHz or greater (32-bit) 1 GHz x86-64 or greater (64-bit)	G4 867 MHz or greater
Flash Player	Version 10 is installed as part of the FPK.	
Keyboard/Mouse	Standard	
Monitor	32-bit color or greater; 1024 x 768 resolution or greater	
Fonts	Times New Roman, Helvetica, and Verdana	
Principals' and Test Administrators' Computers		
	Windows	Macintosh
Operating System ¹	Windows XP SP3 (32-bit only) or Windows Vista SP2 (32-bit only) Windows 7 Home Premium or greater	OS X 10.4.11, 10.5.8 or 10.6.8
RAM	Windows XP SP3: 512 MB or greater, (32-bit) or Windows Vista SP2: 1 GB or greater (32-bit) Windows 7: 1 GB or greater for 32-bit, 2 GB or greater for 64-bit	10.4 Tiger or 10.5 Leopard: 512 MB or greater 10.6 Snow Leopard: 1 GB or greater
Processor	Pentium III 1.33 GHz or greater (32-bit) 1 GHz x86-64 processor or greater (64-bit)	G4 867 MHz or greater
Internet Browser	Internet Explorer 7.x (32-bit or 64-bit) ; 8.x, 9.x ² ; Firefox 3.6.20, Firefox 5.x	Safari 3.2.3, Safari 4.0.4 Firefox 3.6.20, Firefox 5.x
Flash Player	10	
Pop-Up Blocking Software	Must be configured to allow pop-ups from *.measuredprogress.org	
Keyboard/Mouse	Standard	
Monitor	32-bit color or greater; 1024 x 768 resolution or greater	

¹ It is recommended that auto-updates for operating systems and browsers be turned off on all computers used for testing.

² Internet Explorer 9 is supported for the Test Administrator's System, but not the Principal's Administration System.