

Technology Guidelines for the Oklahoma Core Curriculum Test

Winter/Trimester 2014–15 EOI Administration

Spring 2015 Grades 3–8 Math and ELA Administration

November 2014

Introduction

The Oklahoma State Department of Education and Measured Progress have updated these technology guidelines to inform districts and buildings as they make technology purchases to best meet the assessment needs of their students and to ensure all purchases meet the minimum requirements for the Oklahoma Core Curriculum Test (OCCT) online testing administration this year.

This document provides two sets of guidelines regarding technical specifications:

Minimum Specifications – These specifications represent the oldest operating systems and lowest levels of hardware capacity acceptable for administering OCCT in 2014-15. *Computers with these minimum specifications have to be verified thoroughly using the workstation readiness test to identify any performance related issues.*

Recommended Specifications – These specifications provide the levels of computer and network capacity that are more likely to provide a smooth testing experience to students.

There are two components of the OCCT online testing: the **Portal**, used by school and district administrators, and the **Client**, used by students for testing. The specifications for each component are explained below. If you have any questions about these technology specifications, please contact the Measured Progress Oklahoma Help Desk toll-free at (866) 629-0220 or via email at oktechsupport@measuredprogress.org.

OCCT Portal: Browser Specifications

The Portal is accessible via the following browsers on desktops and laptops:

- Chrome® 29-34
- Firefox® 24-29
- Safari® 5-7
- Internet Explorer® 9-11

Note: Refrain from updating your browser to a version not specifically supported as this may cause issues with usability of the site. When using Internet Explorer, compatibility mode must be turned **off**. Administrators may access the Portal at any time during the administration.

OCCT Client: Student Workstation Specifications

Students may test on a device so long as it meets the minimum specifications listed below. Changes for the 2014-15 administration include the following:

- Because of security and support risks, the use of Windows XP for online testing is being discouraged by the SDE. Districts are being advised that superintendents and test coordinators must take into account that any decision to use devices running Windows XP constitutes an agreement to assume the risks of decreased software

performance and increased security risks associated with use of an obsolete operating system. Any decision to use XP devices assumes risks that are beyond the responsibility or control of the SDE or the testing vendor.

- Touch-screen devices running Windows 8 and Windows 8.1 operating systems do not currently support the iTester secure kiosk client. This is due to an operating system level limitation which allows any test taker to override the secure kiosk features by utilizing touch gestures to bring up the 'charms' feature. The charms feature appears as a toolbar overlay on the side of the screen and can be used to launch external applications. The unsecured charms feature of Windows 8 and Windows 8.1 operating systems renders it unable to provide a secure testing environment on touch-screen devices.

Non-touch-screen devices running Windows 8 and Windows 8.1 are not susceptible to this limitation and can be used as part of secure test delivery. It is the responsibility of the testing coordinators to ensure that touch-screen devices running Windows 8 and Windows 8.1 operating systems are not utilized for testing.



Note: students testing on devices with only the minimum specifications are more likely to encounter performance-related issues.

Table 1: Student Workstation Specifications

Component	Minimum	Recommended
Connectivity	Must be able to connect to the internet via wired or wireless networks	
CPU	1.2 Ghz	1.2 Ghz
Memory	512 MB	1 GB
Screen Size	9.7" screen size or larger/ "10-inch class" tablets or larger	
Screen Resolution	1024 x 768	1024 x 768
Windows Desktops/Laptops*	Windows XP – Service Pack 3 (32-bit)	Windows 7-8.1 32-bit, 64-bit
Mac Desktops/Laptops	10.5.6	10.7 – 10.9
Linux Desktops/Laptops	Ubuntu 10.4, Fedora 14 32-bit, 64-bit	Ubuntu 11.10, Fedora 16 32-bit, 64-bit
Android Tablets**	Android 4.0 (with 512 MB RAM or greater)	Android 4.0-4.4 (with 1 GB RAM or greater)
Apple iOS	iPad 2 running iOS 6 (with 512 MB RAM or greater)	iPad 2 running iOS 6-7 (with 512 MB RAM or greater)

Component	Minimum	Recommended
Windows Touch-Enabled Desktops and Laptops	Not Supported for Security Reasons	Not Supported for Security Reasons
Chrome OS for Chromebooks	31	31-34
Browsers (Used for Practice Test <u>ONLY</u>)	Internet Explorer 9 Firefox 24 Chrome 29 Safari 5	Internet Explorer 10-11 Firefox 24-29 Chrome 29-34 Safari 5-7
Input Device Requirements for All Desktops/Laptops	Keyboard – wired or wireless/Bluetooth Mouse or Touchpad	
Headphone/Earphone/Ear Buds	Headphones/Earphones/Ear Buds are only required for students who need them for the Read Aloud accommodations	

* Because of security and support risks, the use of Windows XP for online testing is being discouraged by the SDE. Districts are being advised that superintendents and test coordinators must take into account that any decision to use devices running Windows XP constitutes an agreement to assume the risks of decreased software performance and increased security risks associated with use of an obsolete operating system. Any decision to use XP devices assumes risks that are beyond the responsibility or control of the SDE or the testing vendor.

** Currently supported Android tablets include the Google Nexus 10, Motorola Xoom, Samsung Galaxy Tab 2, and ASUS TF 300. If interested in testing with any of these Android devices, please contact the Oklahoma State Department of Education at (405) 521-3364 prior to testing.

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