

Technology Guidelines for the Oklahoma School Testing Program & College and Career Readiness Assessments

Spring 2019 Administration

Version Control

Version	Date	Author	Change Description
1.0	10/30/2018	eMetric	Created support documentation per requirements discussion with Measured Progress and OK SDE.
1.1	12/6/2018	eMetric	Updated Browser Specifications and Student Testing Device Requirements.
1.2	1/15/2019	eMetric	Updated Browser Specifications and Student Testing Device Requirements.
1.3	2/12/2019	eMetric	Added iTester and 3 rd Party Assistive Technology Section. Added note for unmanaged Chromebooks.

Introduction

The Oklahoma State Department of Education and Measured Progress have updated these technology guidelines to inform and assist 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 School Testing Program (OSTP) and College and Career Readiness Assessments (CCRA) online testing administration for 2019.

There are two components of the OSTP & CCRA online testing: the OSTP & CCRA Portal, used by school and district administrators, and the OSTP Kiosk, 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 email at oktechsupport@measuredprogress.org.

OSTP Portal: Browser Specifications

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

- Chrome™ 71 or newer
- Firefox® 64 or newer
- Safari® 12 or newer
- Internet Explorer® 11
- Microsoft Edge™ 42.17 or newer

Note that when using Internet Explorer®, compatibility mode must be turned **off**. Administrators may access the OSTP Portal at any time during the administration.

OSTP Kiosk: Student Test Device Specifications

Students may test on a device provided it meets the specifications provided in Table 1. Changes for the 2019 administration include the following:

- Updated specifications for all operating systems.
- The OSTP Kiosk may not work properly on operating system versions that are newer than those listed in Table 1. An operating system should not be updated until information is provided indicating it is supported for use with the OSTP Kiosk.
- During practice tests and operational tests, a Texas Instruments™ TI-108 elementary calculator (+/- **keys disabled**), TI-30XS MultiView™ scientific calculator will be available to the tester as a tool where permitted.
- If a Chromebook™ was manufactured in 2017 or later, it will not work in kiosk mode unless it is managed by an administrator. To run the Chromebook™ in kiosk mode, you will need a Chrome management license.



Students testing on devices that do not meet the Student Test Device Specifications are likely to encounter performance-related issues during testing.



iTester identifies third party applications that may cause interruptions during online test administration. Users will be required to close these prior to logging into iTester. There may be additional third party applications not currently identified by iTester that can cause interruptions or interfere with the secure kiosk functionality. To minimize potential security issues and interruptions introduced by these applications, we recommend disabling such third party applications from the devices prior to conducting the operational test.

Table 1: Student Workstation Specifications

System Requirements – All Hardware	
Connectivity	Student devices must be able to connect to the internet via wired or wireless networks
Screen Size	9.7" screen size or larger/ "10-inch class" tablets or larger
Screen Resolution	1024 x 768 or larger
Browsers (Used for Practice Test ONLY)	Chrome™ 72 or newer ^a Firefox® 65 or newer ^a Safari® 12 or newer ^a Internet Explorer® 11 Microsoft Edge™ 42.17 or newer ^a
Headphone/Earphone/Ear Buds	Headphones/earphones/ear buds are required for students who have a text-to-speech accommodation
Desktop and Laptop Specific Requirements	
CPU	1.3 GHz
Memory	2 GB (4GB is strongly recommended for best performance)
Input Device	Keyboard – wired or wireless/Bluetooth® enabled mouse or touchpad
Windows® operating system	Windows® 7, 8.1, and 10 (32-bit and 64-bit)
Mac OS® operating system	10.13 – 10.14 (64-bit only)
Linux® OS	Ubuntu® 16.04.3 LTS (64-bit only) Fedora™ 27 (64-bit only)
Tablet/Netbook/2-in-1 Specific Requirements	
iPad®	11.4 – 12.1 ^b
Chromebook™ notebook computer	Chrome OS™ 70 – 72 ^b
Windows®-based tablets/netbooks/2-in-1	Windows® 10 (32-bit and 64-bit) ^c

Android devices will not be supported

^a Text-to-speech on browsers is partially supported.

^b As new operating system and browser versions are released, eMetric will update technology guidelines following successful compatibility testing.

^c Windows 10 S is not supported.

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Table 2. Tools and Accommodations (available on all devices except where noted)

Tools	Accommodations
Guideline Tool	Screen Zoom
Answer Masking Tool	Color Contrast
Basic Calculator	General Masking
Scientific Calculator	Turn Off All Universal Tools
Sketch	Text-to-speech for Mathematics, Science, US History, and English Language Arts ^a
Text Highlight	Spanish Text-to-speech for Mathematics, Science, and US History ^a
	Allow Accessibility Mode Testing

^a Text-to-speech is not supported on Linux operating systems.

iTester and 3rd Party Assistive Technology

iTester is compatible with Web Content Accessibility Guidelines V 2.0 (WCAG V 2.0 – level 2AA) World Wide Web Consortium (WC3) and provides a variety of accessibility features and assistive technologies both within the iTester application and through external software and devices. Assistive technology that does not adhere to W3C standards and guidelines, may present challenges for students during testing when interacting with iTester. Additionally, iTester includes an “Allow Accessibility Mode Testing” accommodation that allows external third-party assistive software and devices to be used in conjunction with a iTester **Windows** Kiosk.

Students who need to use assistive technology that requires external **software** for testing will need to have the *Allow Accessibility Mode Testing* accommodation selected in the OSTP Portal.

Students who need to use assistive technology that requires only external **hardware** should be able to use the OSTP Kiosk and should not be required to have the *Allow Accessibility Mode Testing* accommodation selected in the HSA Portal.

Note: Although iTester will allow the use of assistive technologies, eMetric and Measured Progress do not guarantee they will be compatible with our testing platform. It is imperative that test coordinators utilize the practice test to ensure assistive technologies required by the student work with iTester and that they provide the student an opportunity to familiarize themselves with the assistive technology as it is used within iTester prior to the student beginning the operational test.

OSTP Kiosk Download and Installation:

Windows Users

On January 22nd, 2019, a new OSTP Kiosk for Windows will be made available for download via the OSTP Portal. If your building uses Windows PCs, you must download and install this new OSTP Kiosk. Note, you **do not** need to uninstall the previous version of the OSTP Kiosk before you install the new kiosk. Step-by-step instructions for installing the OSTP Kiosk can be found in the OSTP Kiosk Installation Guide available on the Help & Support page: <https://oklahoma.onlinehelp.measuredprogress.org>.

Mac Users

On January 22nd, 2019, a new OSTP Kiosk for Mac will be made available for download via the OSTP Portal. If your building uses Mac, you must download and install this new OSTP Kiosk. Note, you **do not** need to uninstall the previous version of the OSTP Kiosk before you install the new kiosk. Step-by-step instructions for installing the OSTP Kiosk can be found in the OSTP Kiosk Installation Guide available on the Help & Support page: <https://oklahoma.onlinehelp.measuredprogress.org>.

Linux Users

On January 22nd, 2019, a new OSTP Kiosk for Linux will be made available for download via the OSTP Portal. If your building uses Linux workstations, you must download and install this new OSTP Kiosk. Note, you **do not** need to uninstall the previous version of the OSTP kiosk if you need to install the new kiosk. Step-by-step instructions for installing the OSTP kiosk can be found in the OSTP Kiosk Installation Guide available on the Help & Support page: <https://oklahoma.onlinehelp.measuredprogress.org>.

iPad Users

On January 22nd, 2019, a new OSTP iPad app will be made available via the Apple iTunes App Store. If the OSTP iPad app is already installed, the app will auto-update or users will be prompted to update the app. If the OSTP iPad app is not currently installed, you will need to download it from the Apple iTunes App Store.

Chromebook Users

On January 22nd, 2019, a new OSTP Chromebook app will be made available in the Chrome Webstore. If the OSTP app for Chromebook is already installed, the app will auto update or users will be prompted to update the app. If the OSTP app for Chromebook is not currently installed, you will need to download it from the Chrome Web Store. Step-by-step instructions for installing the OSTP kiosk can be found in the OSTP Kiosk Installation Guide available on the Help & Support page: <https://oklahoma.onlinehelp.measuredprogress.org>.

Note: Any unmanaged Chromebooks released 2017 or later will not have the ability to test in kiosk mode. To run Chromebooks released after 2017 in kiosk mode, you will need a Chrome Management License. For more information please follow the link listed below:

<https://support.google.com/chromebook/answer/3134673?hl=en>



Remember to conduct the Site Readiness Test on all device configurations regardless of the OSTP Kiosk or OSTP app being used.