

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 | 1/15/2018 | eMetric | Updated Browser Specifications and Student Testing Device Requirements. |

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™ 71 or newer ^a Firefox® 64 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™ 69 – 71 ^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.

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>.



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