New Mexico Science Assessment Technology Guidelines

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measured progress

Introduction

There are two components of the New Mexico Science Assessment online testing platform: the online Portal, used by school, district and state administrators, and the 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 Measured Progress Technical Support at nmtechsupport@measuredprogress.org or (877) 676 6722.

New Mexico Science Assessment Portal Browser Specifications

The New Mexico Science Assessment Portal is accessible via the following browsers on desktops and laptops:

- Chrome™ 73 or newer
- Firefox® 65 or newer
- Safari® 12 or newer
- Internet Explorer® 11
- Microsoft Edge™ 42.17 or newer

Administrators may access the portal at any time during the administration.

Note: When using Internet Explorer, compatibility mode must be turned **off**.

New Mexico Science Assessment Kiosk: Student Test Device Specifications

Students may test on a device provided it meets the specifications provided in Table 1. A few important notes are included below.

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

- The New Mexico Science Assessment Kiosk identifies third party applications that may cause interruptions during online test administration. Users will be required to close these prior to logging into the kiosk. There may be additional third party applications not currently identified by the kiosk 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.

- The practice test can be tested on the New Mexico Science Assessment Kiosk or using a web browser. Online practice test website is https://nmpracticetest.measuredprogress.org/student.

Table 1. Student Testing Device Requirements

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 [a] (Used for Practice Test ONLY)	Chrome™ 73 or newer Firefox® 65 or newer Safari® 12 or newer Internet Explorer® 11 Microsoft Edge™ 42.17 or newer
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 (4 GB 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	10.12 – 10.14 (64-bit only)
Tablet/Netbook/2-in-1 Specific Requirements [b]	
iPad®	11.4-12.2
Chromebook™ notebook computer	Chrome OS™ 70-73
Windows®-based tablets/netbooks/2-in-1	Windows® 10 (32-bit and 64-bit) [c]

a. Text-to-speech on browsers is partially supported.
b. As new operating systems and browser versions are released, eMetric will update technology guidelines following successful compatibility testing.
c. Windows 10 S is not supported.
Windows is a registered trademark of Microsoft Corporation. Firefox is a registered trademark of the Mozilla Foundation. Safari, Mac, and iPad are registered trademarks of Apple Inc. Chrome and Chromebook are registered trademarks of Google Inc. The Bluetooth is a registered trademark owned by Bluetooth SIG, Inc.

Table 2 includes a list of the embedded online tools available to all students. For an explanation of how to use each tool within the New Mexico Science Assessment Kiosk, please see the *New Mexico Science Assessment Kiosk User Guide* available on the Help & Support page: https://sba.onlinehelp.measuredprogress.org.

Also included in the table is a list of the accommodations available to specific students who have the accessibility feature or accommodation ordered for them through the pre-ID file. This is not an exhaustive list of the accommodations available for students, but rather a list of accommodations that require specific support from the New Mexico Science Assessment Kiosk.

For a complete list of accommodations available to students, please see the *New Mexico Assessment Portal User Guide* available on the Help & Support page: https://sba.onlinehelp.measuredprogress.org.

Table 2. Tools and Accommodations

Tools Available for All Students	Accommodations & Accessibility Features Identified in Advance
Answer Masking	Color Contrast
Notepad	Custom Masking
Sketch & Highlight	Text-to-Speech English (SWD, 504, EL)
References	Text-to-Speech Spanish (SWD, 504)
Line Reader	Reverse Contrast
	Zoom View (magnifier)
	Accessibility Mode Testing (Windows only)

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 within the iTester application. Additionally, iTester includes an "Allow Accessibility Mode Testing" accommodation that allows external third party assistive software and devices to be used in conjunction with an iTester Windows Kiosk.

Owing to iTester's secure kiosk feature and variability among assistive technologies, some assistive technologies may not be compatible with iTester, even with the "Allow Accessibility Mode Testing" accommodation activated. It is imperative that test coordinators utilize the practice test to ensure assistive technologies required by the student will work with iTester and that they provide the student an opportunity to familiarize themselves with the assistive technology as it is used within the iTester kiosk prior to the student beginning the operational test. If a test coordinator identifies an assistive technology that is not compatible with iTester, it is incumbent upon the test coordinator to identify an alternative device or test delivery method.

New Mexico Science Assessment Kiosk Download and Installation:

Windows Users

On January 22th, 2019, the New Mexico Science Assessment Kiosk for Windows will be made available for download via the New Mexico Science Assessment Portal. If your school uses Windows PCs, you will need to download and install the New Mexico Science Assessment Kiosk. Step-by-step instructions for installing the New Mexico Science Assessment Kiosk can be found in the New Mexico Science Assessment Kiosk Installation Guide available on the Help & Support page: https://sba.onlinehelp.measuredprogress.org.

Mac Users

On January 22th, 2019, the New Mexico Science Assessment Kiosk for Mac will be made available for download via the New Mexico Science Assessment Portal. If your school uses Mac PCs, you will need to download and install the New Mexico Science Assessment Kiosk. Step-by-step instructions for installing the New Mexico Science Assessment Kiosk can be found in the New Mexico Science Assessment Kiosk Installation Guide available on the Help & Support page: https://sba.onlinehelp.measuredprogress.org.

iPad Users

On January 22th, 2019, the New Mexico Science Assessment iPad app will be made available via the Apple iTunes App Store. If your building uses iPads for testing the New Mexico Science Assessment iPad app will need to be downloaded from the Apple iTunes App Store. Step-by-step instructions for installing the New Mexico Science Assessment Kiosk app can be found in the New Mexico Science Assessment Kiosk Installation Guide available on the Help & Support page: https://sba.onlinehelp.measuredprogress.org.

Chromebook Users

On January 22th, 2019, the New Mexico Science Assessment Chromebook app will be made available; if your school uses Chromebooks you will need to download it from the Chrome Web Store. Step-by-step instructions for installing the New Mexico Science Assessment Kiosk app can be found in the New Mexico Science Assessment Kiosk Installation Guide available on the Help & Support page: https://sba.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 New Mexico Science Assessment Kiosk or NM Science app being used. See the New Mexico Science Assessment Portal User Guide for additional information on the Help & Support site: https://sba.onlinehelp.measuredprogress.org.