

Testing with Third Party Assistive Technology

NEW MEXICO SUMMATIVE ASSESSMENTS

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iTester and Assistive Technology

Background

iTester provides a rich suite of accessibility and accommodations features within the testing platform to assist students with special needs. Several external third-party accessibility hardware solutions and Microsoft Windows-based accessibility applications are also compatible with iTester.

iTester is developed in compliance with the World Wide Web Consortium's (W3C) Web Content Accessibility Guidelines (WCAG) 2.0, Level AA for optimal compatibility with assistive technology products and features. As part of this effort, eMetric utilizes the W3C's Accessible Rich Internet Application (ARIA) recommendation to improve the interaction between assistive technology and the testing platform. Any assistive technology products should comply with the User Agent Accessibility Guidelines (UAAG) and support the ARIA recommendation for the best user experience.

Test coordinators should ensure the "Allow Accessibility Mode" (AAM) accommodation is turned on for all students who will require Windows-based third-party accessibility software. Note that this is only available in the Windows® iTester Kiosk application. Owing to iTester's secure kiosk feature and variability among assistive technologies, some assistive technology software may not be compatible with iTester, even with the "Allow Accessibility Mode Testing" accommodation activated. Also note that some assistive software, including commonly used screen readers, do not require AAM to be used within the kiosk.

Test Coordinator Responsibilities

Prior to operational testing, test coordinators must utilize iTester's assistive technology check test or practice test to:

1. Ensure the student's assistive technology will work with iTester.
2. Determine whether the AAM accommodation must be activated to use the assistive technology.
3. Provide the student an opportunity to practice using the assistive technology with the iTester Kiosk.

If the preferred third-party assistive technology does not work well with the iTester Kiosk Allow Accessibility Mode on, then consider using the third-party software on an external stand-alone device and transcribing the student's answers into iTester in accordance with PED's transcription policy.

Some test content, such as Technology Enhanced Items, may not be fully WCAG compatible. Depending upon the test content provider and your state's accessibility and accommodations policy, an alternate form or paper test may be required.

Using Screen Reader Software

Screen readers may be used with the iTester Kiosk. eMetric tests screen reader compatibility using JAWS2019®. JAWS2019 does not require AAM to be activated to be used within the iTester Kiosk. Screen readers should not be used on the Assessment of Science Readiness assessment.

Using Predictive Text Software

eMetric provides CoWriter® word prediction via the *Word Prediction (embedded)* accommodation option. Students with this accommodation will have access to CoWriter word prediction application in any open-ended items; it does *not* require a current CoWriter account. **Note:** this accommodation is only available to Chromebook users. This accommodation requires extra files to be downloaded to the student's workstation when they log into their test, therefore we recommend having students with this accommodation log in a few minutes before or after other students in the test group to minimize the download time. If your student needs this accommodation and you do not have access to a Chromebook, then consider using third-party predictive text software on an external stand-alone device and transcribing the student's answers into iTester in accordance with PED's transcription policy.

Using Speech-to-Text (STT) Software

Many commonly used Windows-based STT programs (for example: Windows dictation, Dragon NaturallySpeaking™) can be used with iTester without AAM activated, provided the software is running prior to launching the Kiosk. Texthelp™ Read and Write can be used with AAM activated. STT programs can be used for basic dictation but editing commands (voice commands used to select and edit text that was previously dictated) will not work. If the student closes the STT application during testing, the student must exit the kiosk, restart the STT program and then re-log into the Kiosk to continue testing with STT (shortcut keys cannot be used to launch the application while the kiosk is open).



Important Note: Allow Accessibility Mode reduces kiosk security controls to allow third-party software to operate in conjunction with the kiosk. If AAM is used, proctors should closely monitor students testing with this accommodation to ensure test security is not compromised.

Allow Accessibility Mode Testing

The accommodation is located on the Students page under the Accommodations tab in the iTester Portal.

Student Information | **Accommodations** | Classes

Accessibility Features
Delivered by the Test Platform

- Reverse Contrast
- Custom Masking
- Color Contrast
- Answer Masking
- Mathematics Text-to-Speech English
- Mathematics Text-to-Speech Spanish
- Science Text-to-Speech English
- Science Text-to-Speech Spanish

Accommodations
Delivered by the Test Platform

- ELA Text-to-Speech English
- Allow Accessibility Mode Testing**
- ASL Video (Mathematics)
- ASL Video (ELA)
- Basic Calculator on Non-Calculator Sections of Mathematics Test
- Scientific Calculator on Non-Calculator Sections of Mathematics Test
- Word Prediction (Embedded)

Accommodations
Delivered Externally

- Headphones/Noise Buffer
- Mathematics Tools
- Word Prediction
- Speech-to-Text
- Human Signer
- Human Signer for Test Directions
- Braille Notetaker
- Braille Writer
- Refreshable Braille Display with Screen Reader (Mathematics and ELA only)
- Screen Reader (Mathematics and ELA only)
- Tactile Graphics
- Human Reader English (IEP, 504, EL)
- Human Reader Spanish (IEP, 504)
- Read Aloud to Self
- Human Scribe
- Assistive Technology Device Presentation
- Assistive Technology Device Responses

Accommodations for English Learners(EL)
Delivered by the Test Platform

- Spanish Language Version (Mathematics and Science only)

Accommodations for English Learners(EL)
Delivered Externally

- Picture Dictionary
- Directions in Native Language
- Commercial Word-To-Word Dictionary
- Customized Dual Language Glossary
- Pocket Word-To-Word Translator

Steps to Turn Accessibility Mode On

1. Open the 3rd party accessibility application on the testing device, and log-in if necessary.
2. Launch the iTester Kiosk. The accessibility application menu should be visible when the kiosk is launched.
3. Student enters their Username and Password to log into the iTester kiosk.
4. Student selects the session and enters the session access code.

Ensure the student has a row on the accommodation's Options screen indicating that he/she received the Allow Accessibility Mode accommodation with an input for the proctor to enter the proctor password.

Note: The student will only see the option if they are running in a **kiosk mode on Windows**. If they are in a non-kiosk mode (i.e. browser) or other operating system kiosk, this accommodation is not available.

The screenshot displays the 'Options' menu with the following settings:

- Text-to-Speech:** Volume: 100, Speed: Normal (with Slow and Fast options).
- Zoom View (Magnifier):** 100%, 150%, 200%, 300%. A preview window shows the text: "The quick brown fox jumped over the lazy dog."
- Reverse Contrast:** Default (selected), Inverted.
- Color Contrast:** Default, Classic, Ruby, Chalkboard, Nocturnal, Aquiline, Eccentric, Azure, Haunted, Celestial, Antique, Creamy.
- General Masking:** Enabled.

At the bottom, a red-bordered box highlights the 'Accessibility Mode' section, which includes a 'Proctor Password' input field and a green 'Submit' button. Below this box is a grey 'Continue' button.

5. The proctor will enter the proctor password.

Note: The proctor password is located on the Home page of the iTester Portal.

Home Site Readiness Students Enrollment Transfer Classes Test Sessions Pre-ID Management Dashboard Materials Management Demo User Help & Support Logout

Home

Information for District Test Coordina...

Welcome to the New Mexico Summative Assessments Administration portal. This site provides access to student information and test session details.

Based on device configurations at your facility, you or your IT coordinator need to download and install the appropriate student kiosk utilizing the links in the table below. Apps for iPads and Chromebooks will need to be downloaded from the appropriate app store.

Windows	Student Kiosk for Windows
Mac	Student Kiosk for Mac

If you need assistance utilizing this site, please contact Cognia support at nmtechsupport@cognia.org or by calling toll-free (877) 676-6722. Edit

Proctor password for Cyber City Sch1 (Cyber City) Change
DSZKBWVR

Site Readiness login for Cyber City Sch1 (Cyber City)
Username: WSR-EM-CS6
Password: M7V5R5VG

Note:

- The student will not be allowed to advance past the accommodations Options screen without the proctor entering the correct proctor password.
 - If the proctor password is blank or invalid, a message indicating this will be displayed.
6. After the proctor enters the proctor password, the accessibility mode is successfully enabled for the student. The student will be able to successfully utilize desired assistive technology software which displays windows or an interface on top of the kiosk.
 7. When the student submits the test session and returns to the profile screen, the accessibility mode will be disabled.