

# Testing with Third Party Assistive Technology

OKLAHOMA SCHOOL TESTING PROGRAM & COLLEGE- AND CAREER-  
READINESS ASSESSMENT

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## Version Control

Version	Date	Author	Change Description
1.0	10/30/2019	eMetric	Created support documentation per 2019-2020 requirements discussion with Cognia and SDE.

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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*<sup>®</sup> OSTP Kiosk application. Owing to iTester's secure kiosk feature and variability among assistive technologies, some assistive technology software may not be compatible with OSTP Kiosk, 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.

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

1. Ensure the student's assistive technology will work with OSTP Kiosk.
2. Determine whether or not 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 OSTP 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 OSTP Kiosk in accordance with your state'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.

**A note on screen readers:** eMetric tests screen reader compatibility using JAWS2019. JAWS2019 does not require AAM to be activated to be used within the OSTP Kiosk.

**A note on Speech-to-Text (STT):** many commonly used Windows-based STT programs (for example: Windows dictation, Dragon NaturallySpeaking™) can be used with OSTP Kiosk 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.

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

The screenshot shows the 'Accommodations' tab in the iTester Portal. It is divided into two main sections: 'Embedded Accommodations' and 'Delivered Locally'. Under 'Embedded Accommodations', there is a list of options with checkboxes. The option 'Allow Accessibility Mode Testing' is highlighted with a red rectangular box. At the bottom of the form, there are 'Save' and 'Cancel' buttons.

Category	Accommodation	Selected
Embedded Accommodations	Screen Zoom	<input type="checkbox"/>
	Color Contrast	<input type="checkbox"/>
	General Masking	<input type="checkbox"/>
	Turn off all Universal Tools	<input type="checkbox"/>
	Text-to-Speech Mathematics	<input type="checkbox"/>
	Text-to-Speech ELA Grades 4, 6, & 7 NS1 (State approval is required); Grades 5 & 8 Writing Sections Only	<input type="checkbox"/>
	Text-to-Speech Science	<input type="checkbox"/>
	Text-to-Speech US History	<input type="checkbox"/>
	Spanish Text-to-Speech Mathematics	<input type="checkbox"/>
	Spanish Text-to-Speech Science	<input type="checkbox"/>
	Spanish Text-to-Speech US History	<input type="checkbox"/>
	<b>Allow Accessibility Mode Testing</b>	<input checked="" type="checkbox"/>
	Delivered Locally	<i>Accommodations for IEP</i>
IEP with Accommodations ELA (Grades 3-8)		<input type="checkbox"/>
IEP with Accommodations Mathematics (Grades 3-8)		<input type="checkbox"/>
IEP with Accommodations Science (Grades 5 & 8; 11)		<input type="checkbox"/>
IEP with Accommodations US History (Grade 11)		<input type="checkbox"/>
<i>Accommodations for 504</i>		
504 with Accommodations ELA (Grades 3-8)		<input type="checkbox"/>
504 with Accommodations Mathematics (Grades 3-8)		<input type="checkbox"/>
504 with Accommodations Science (Grades 5 & 8; 11)		<input type="checkbox"/>
504 with Accommodations US History (Grade 11)		<input type="checkbox"/>
<i>Accommodations for EL</i>		
EL with Accommodations ELA (Grades 3-8)		<input type="checkbox"/>
EL with Accommodations Mathematics (Grades 3-8)		<input type="checkbox"/>
EL with Accommodations Science (Grades 5 & 8; 11)	<input type="checkbox"/>	
EL with Accommodations US History (Grade 11)	<input type="checkbox"/>	

## Steps to turn Accessibility Mode On

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

Ensure the student has a row on the accommodations 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).
- Screen Zoom:** 100%, 150%, 200%, 300%. A preview box shows the text: "The quick brown fox jumped over the lazy dog."
- Reverse Contrast:** Default (selected), Inverted.
- Color Contrast:** Default (selected), Classic, Ruby, Chalkboard, Nocturnal, Aquiline, Eccentric, Azure, Haunted, Celestial, Antique, Creamy.
- General Masking:** Enabled.

A red-bordered box at the bottom contains the following fields:

- Accessibility Mode
- Proctor Password
- 

Below the red 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 OSTP Portal.

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Home

Welcome to the Administration module for OSTP Grades 3-8 and CCRA Grade 11. This site provides access to student information and test session details. Based on device configurations at your facility, you or your Assessment Technology 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	<a href="#">Student Kiosk for Windows</a>
Mac	<a href="#">Student Kiosk for Mac</a>
Linux	<a href="#">Student Kiosk for Linux</a>

If you need assistance utilizing this site, please contact Cognia support at [oktechsupport@cognia.org](mailto:oktechsupport@cognia.org) or by calling toll-free 866-629-0220.

**Proctor password for** Cyber Sch1-001 (Cyber District)  
 59n9v8ec Change

**Site Readiness login for** Cyber Sch1-001 (Cyber District)  
 Username: WSR.1.1398  
 Password: b54cc8a8

**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.