Macmillan Learning iClicker Student Web Accessibility Conformance Report

WCAG Edition

(Based on VPAT® Version 2.5)

Name of Product/Version:

Macmillan iClicker Student Web

Report Date:

May 2, 2025

Last Updated:

January 6, 2025

Product Description:

iClicker is a tool used in classrooms to answer multiple question types live in class.

Contact Information:

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Notes:

Macmillan Learning is committed to the goal of providing equal access to all products regardless of an individual's age, ability, or situation and embraces the opportunity to develop services and information technologies that are accessible and usable by all individuals. Based on the feedback that we received in this ACR, we are actively updating our platform and will make revised ACRs available as work is completed. This ACRs was created based on an audit of the student-facing portion of our platform.

Evaluation Methods Used:

Perkins Access, an independent accessibility consulting division of Perkins School for the Blind, was contracted by Macmillan Learning to test iClicker and document their findings in this report. Perkins Access accessibility consultants thoroughly reviewed iClicker for conformance to the Web Content Accessibility Guidelines 2.2 Level A and Level AA using a variety of manual testing techniques, automated testing tools, and assistive technologies, including but not limited to the following:

- VoiceOver (OS 15.2)
- JAWS 2024 (Windows 11)
- NVDA 2024.1 (Windows 11)
- TPGi Colour Contrast Analyser
- aXe Developer Tools Browser Extension
- Microsoft Accessibility Insights for Web
- Chrome 131 (Mac/Windows), Firefox 134 (Mac/Windows)

Applicable Standards/Guidelines

This report covers the degree of conformance for the following accessibility standard/guidelines:

Standard/Guideline	Included In Report
Web Content Accessibility Guidelines 2.0	Level A (Yes) Level AA (Yes) Level AAA (No)
Web Content Accessibility Guidelines 2.1	Level A (Yes) Level AA (Yes) Level AAA (No)
Web Content Accessibility Guidelines 2.2	Level A (Yes) Level AA (Yes) Level AAA (No)

Terms

The terms used in the Conformance Level information are defined as follows:

- **Supports**: The functionality of the product has at least one method that meets the criterion without known defects or meets with equivalent facilitation.
- **Partially Supports**: Some functionality of the product does not meet the criterion.
- **Does Not Support**: The majority of product functionality does not meet the criterion.
- **Not Applicable**: The criterion is not relevant to the product.
- **Not Evaluated**: The product has not been evaluated against the criterion. This can only be used in WCAG Level AAA criteria.

WCAG 2.2 Report

Note: When reporting on conformance with the WCAG 2.2 Success Criteria, they are scoped for full pages, complete processes, and accessibility-supported ways of using technology as documented in the WCAG 2.0 Conformance Requirements.

Table 1: Success Criteria, Level A

Criteria	Conformance Level	Remarks and Explanations
1.1.1 Non-text Content (Level A)	Supports	Non-text content that is presented to the user has a text alternative that serves the equivalent purpose.
1.2.1 Audio-only and Video-only (Prerecorded) (Level A)	Not Applicable	iClicker does not have audio-only or video only content.
1.2.2 Captions (Prerecorded) (Level A)	Not Applicable	iClicker does not have prerecorded audio content in synchronized media.
1.2.3 Audio Description or Media Alternative (Prerecorded) (Level A)	Not Applicable	iClicker does not have prerecorded video content.
1.3.1 Info and Relationships (Level A)	Supports	Information, structure, and relationships conveyed through presentation can be programmatically determined or are available in text.
1.3.2 Meaningful Sequence (Level A)	Supports	When the sequence in which content is presented affects its meaning, a correct reading sequence can be programmatically determined.
1.3.3 Sensory Characteristics (Level A)	Supports	Instructions provided for understanding and operating content do not rely solely on sensory characteristics of components such as shape, color, size, visual location, orientation, or sound.
1.4.1 Use of Color (Level A)	Supports	Color is not used as the only visual means of conveying information, indicating an action, prompting a response, or distinguishing a visual element.

Criteria	Conformance Level	Remarks and Explanations
1.4.2 Audio Control (Level A)	Not Applicable	iClicker does not contain audio that plays automatically for more than 3 seconds.
2.1.1 Keyboard (Level A)	Supports	Functionality of the content is operable through a keyboard interface without requiring specific timings for individual keystrokes.
2.1.2 No Keyboard Trap (Level A)	Supports	If keyboard focus can be moved to a component of the page using a keyboard interface, then focus can be moved away from that component using only a keyboard interface, and, if it requires more than unmodified arrow or tab keys or other standard exit methods, the user is advised of the method for moving focus away.
2.1.4 Character Key Shortcuts (Level A 2.1 and 2.2)	Supports	If a keyboard shortcut is implemented in content using only letters (including upper- and lower-case letters), punctuation, number, or symbol characters, there is a way to turn off or remap the shortcut.
2.2.1 Timing Adjustable (Level A)	Supports	For each time limit that is set by the content, there is a way to turn off, adjust or extend the time limit or the content meets exception criteria as outlined in WCAG.
2.2.2 Pause, Stop, Hide (Level A)	Supports	For any moving, blinking, scrolling, or auto-updating information, there is a way to pause, stop or hide the content.
2.3.1 Three Flashes or Below Threshold (Level A)	Supports	iClicker does not contain anything that flashes more than three times in any one second period, or the flash is below the general flash and red flash thresholds.

Criteria	Conformance Level	Remarks and Explanations
2.4.1 Bypass Blocks (Level A)	Supports	A mechanism is available to bypass blocks of content that are repeated on multiple Web pages.
2.4.2 Page Titled (Level A)	Supports	Web pages have titles that describe topic or purpose.
2.4.3 Focus Order (Level A)	Supports	If a Web page can be navigated sequentially and the navigation sequences affect meaning or operation, focusable components receive focus in an order that preserves meaning and operability.
2.4.4 Link Purpose (In Context) (Level A)	Supports	The purpose of each link can be determined from the link text alone or from the link text together with its programmatically determined link context, except where the purpose of the link would be ambiguous to users in general.
2.5.1 Pointer Gestures (Level A 2.1 and 2.2)	Supports	All functionality that uses multipoint or path-based gestures for operation can be operated with a single pointer without a path-based gesture, unless a multipoint or path-based gesture is essential.
2.5.2 Pointer Cancellation (Level A 2.1 and 2.2)	Supports	Functionality that can be operated using a single pointer does not execute on a down event (such as tap down or click down) or there is a way to abort / undo the functionality.
2.5.3 Label in Name (Level A 2.1 and 2.2)	Supports	For user interface components with labels that include text or images of text, the accessible name contains the text that is presented visually.

Criteria	Conformance Level	Remarks and Explanations
2.5.4 Motion Actuation (Level A 2.1 and 2.2)	Supports	Functionality that can be operated by device motion or user motion can also be operated by user interface components and responding to the motion can be disabled to prevent accidental actuation.
3.1.1 Language of Page (Level A)	Supports	The default human language of each Web page can be programmatically determined.
3.2.1 On Focus (Level A)	Supports	When any user interface component receives focus, it does not initiate a change of context.
3.2.2 On Input (Level A)	Supports	Changing the setting of any user interface component does not automatically cause a change of context unless the user has been advised of the behavior before using the component.
3.2.6 Consistent Help (Level A 2.2 only)	Supports	If a Web page contains a help mechanism, and those mechanisms are repeated on multiple Web pages within a set of Web pages, they occur in the same order relative to other page content, unless a change is initiated by the user.
3.3.1 Error Identification (Level A)	Supports	If an input error is automatically detected, the item that is in error is identified and the error is described to the user in text.
3.3.2 Labels or Instructions (Level A)	Supports	Labels or instructions are provided when content requires user input.
3.3.7 Redundant Entry (Level A 2.2 only)	Supports	Information previously entered by or provided to the user that is required to be entered again in the same process is either auto-populated or available for the user to select.

Criteria	Conformance Level	Remarks and Explanations
4.1.1 Parsing (Level A) WCAG 2.0 and 2.1 – Always answer 'Supports' WCAG 2.2 (obsolete and removed) - Does not apply	Supports	For WCAG 2.0 and 2.1, the September 2023 errata update indicates this criterion is always supported. See the WCAG 2.0 Editorial Errata and the WCAG 2.1 Editorial Errata.

Table 2: Success Criteria, Level AA

Criteria	Conformance Level	Remarks and Explanations
1.2.4 Captions (Live) (Level AA)	Not applicable	iClicker does not contain live audio content in synchronized media.
1.2.5 Audio Description (Prerecorded) (Level AA)	Not applicable	iClicker does not contain prerecorded video content in synchronized media.
1.3.4 Orientation (Level AA 2.1 and 2.2)	Supports	Content does not restrict its view and operation to a single display orientation, such as portrait or landscape, unless a specific display orientation is essential.
1.3.5 Identify Input Purpose (Level AA 2.1 and 2.2)	Supports	The purpose of each input field collecting information about the user can be programmatically determined.
1.4.3 Contrast (Minimum) (Level AA)	Supports	The visual presentation of regular-sized text has a contrast ratio of at least 4.5:1 with surrounding colors and large text has a contrast ratio of at least 3:1 with surrounding colors.
1.4.4 Resize text (Level AA)	Supports	Text can be resized without assistive technology up to 200 percent without loss of content or functionality.
1.4.5 Images of Text (Level AA)	Supports	If the technologies being used can achieve the visual presentation, text is used to convey information rather than images of text.
1.4.10 Reflow (Level AA 2.1 and 2.2)	Supports	Content is presented without loss of information or functionality, and without requiring scrolling in two dimensions at a minimum width equivalent to 320 CSS pixels and at a minimum height equivalent to 256 CSS pixels.
1.4.11 Non-text Contrast (Level AA 2.1 and 2.2)	Supports	The visual presentation of user interface components and graphical objects have a contrast ratio of at least 3:1 with surrounding colors.

Criteria	Conformance Level	Remarks and Explanations
1.4.12 Text Spacing (Level AA 2.1 and 2.2)	Supports	No loss of content or functionality occurs by setting line spacing to at least 1.5 times the font size, spacing following paragraphs to at least 2 times the font size, letter spacing to at least 0.12 times the font size and word spacing to at least 0.16 times the font size.
1.4.13 Content on Hover or Focus (Level AA 2.1 and 2.2)	Supports	Where the pointer hover or keyboard focus triggers additional content to become visible, the new content is dismissible, hoverable and persistent.
2.4.5 Multiple Ways (Level AA)	Supports	More than one way is available to locate a Web page within a set of Web pages except where the Web Page is the result of, or a step in, a process.
2.4.6 Headings and Labels (Level AA)	Supports	Headings and labels describe topic or purpose.
2.4.7 Focus Visible (Level AA)	Supports	Any keyboard operable user interface has a mode of operation where the keyboard focus indicator is visible.
2.4.11 Focus Not Obscured (Minimum) (Level AA 2.2 only)	Supports	When a user interface component receives keyboard focus, the component is not entirely hidden due to author-created content.
2.5.7 Dragging Movements (Level AA 2.2 only)	Supports	All functionality that uses a dragging movement for operation can be achieved by a single pointer without dragging, unless dragging is essential or the functionality is determined by the user agent and not modified by the author.
2.5.8 Target Size (Minimum) (Level AA 2.2 only)	Supports	The size of the target for pointer inputs is at least 24 by 24 CSS pixels or the target meets exception criteria as outlined in WCAG.

Criteria	Conformance Level	Remarks and Explanations
3.1.2 Language of Parts (Level AA)	Supports	The human language of each passage or phrase in the content can be programmatically determined except for proper names, technical terms, words of indeterminate language, and words or phrases that have become part of the vernacular of the immediately surrounding text.
3.2.3 Consistent Navigation (Level AA)	Supports	Navigational mechanisms that are repeated on multiple Web pages within a set of Web pages occur in the same relative order each time they are repeated, unless a change is initiated by the user.
3.2.4 Consistent Identification (Level AA)	Supports	Components that have the same functionality within a set of Web pages are identified consistently.
3.3.3 Error Suggestion (Level AA)	Supports	If an input error is automatically detected and suggestions for correction are known, then the suggestions are provided to the user, unless it would jeopardize the security or purpose of the content.
3.3.4 Error Prevention (Legal, Financial, Data) (Level AA)	Not Applicable	iClicker does not have pages that cause legal commitments or financial transactions.
3.3.8 Accessible Authentication (Minimum) (Level AA 2.2 only)	Supports	A cognitive function test is not required for any step in an authentication process, unless that step provides one of the accepted exceptions.
4.1.3 Status Messages (Level AA 2.1 and 2.2)	Supports	Status messages can be programmatically determined through role or properties such that they can be presented to the user by assistive technologies without receiving focus.

Legal Disclaimer (Macmillan Learning)

See information in WCAG 2.2 section. This Accessibility Conformance Report represents the specific release of the product described, as of the date of this document. Notwithstanding the information contained in the Accessibility Conformance Report, if use of the product is subject to another agreement and/or terms of use, the terms and conditions of that agreement and the terms of use remain in full force and effect, including any limitation of liability and disclaimer of warranties provisions.

Changelog

December 2025 Release

Score graph does not have a text alternative

On the course homepage, the score graph now has descriptive alternative text.

On the Enter Access Code page, error messages are not programmatically associated with the input.

Screen readers are not alerted when error messages are displayed.

On the confirm course page, content appears as a list without using list markup or roles.

Content is now structured using list markup.

On the Enter Access Code page, content appears as a list without using list markup or roles.

Content is now structured using list markup.

On the sign in page, the Show Password button cannot be toggled with a keyboard.

The Show Password button can now be controlled from the keyboard alone.

On the review and submit page, the answer questions do not gain focus and cannot be selected with a keyboard.

Answer buttons can now be focused and selected from the keyboard.

On the quick quiz question, the confidence level buttons cannot be selected with a keyboard.

Buttons are now usable from the keyboard and can be identified by screen readers.

On the profile page, the show password button cannot be toggled with a keyboard.

The show/hide password toggle is now keyboard accessible.

The subscription requirements button does not have an accessible name that includes text from the visible label.

The accessible name now contains text from the visible label.

On the profile page, an input is nested within a button.

The nested input has been removed.

On the course homepage, the selected state of the tab component is not communicated to assistive technology.

The states of the tab controls are now identified correctly by screen readers.

On the feedback page, the selected state of the feedback buttons is not communicated to assistive technology.

Buttons are usable from the keyboard and can be identified by screen readers.

In smaller viewports, the tab user interface of the course homepage becomes truncated.

Content in the tab user interface now fits the screen in smaller viewports.

On the course homepage, the focus indicator color of the Join Class button lacks sufficient contrast with the button.

The focus indicator now provides sufficient contrast with the button.

On the course homepage calendar, the icon for a student being excused lacks sufficient contrast with the background.

The icon now provides sufficient contrast with the background.

On the course homepage > Class History tab, decorative icons are not hidden from assistive technologies.

Decorative icons are now hidden from AT.

Quiz slides are not marked with alt text.

Instructors are able to add custom alt text to the quiz slides. When OCR is enabled for quick polls, text alternatives for non-text content are provided.

Students cannot access questions on the Review & Submit screen using the Tab key.

Keyboard and screen-reader users can access all controls and text on the Review/Submit screen.

Target controls cannot be moved on the screen from the keyboard alone.

Keyboard users can now move the target in four directions using arrow keys and press Enter to select a point. Screen-reader users can move the target as well and hear X/Y coordinates as the target moves around the screen.