



Next Gen Math Accessibility Conformance Report

WCAG Edition: WCAG 2.1 Level A & AA

Based on VPAT® Version 2.5Rev

Name of Product/Version: [NextGenMath.com](https://nextgenmath.com)

Report Date: August 13, 2026

Product Description: Authenticated web application for teachers, school administrators, district administrators, and students. The evaluated surface includes features for assignments, gradebooks, rosters, reporting, professional development, and related administration workflows.

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WCAG 2.1 Report

The answers in this section are scoped to complete pages, complete processes, and accessibility-supported ways of using the authenticated application.

Level A

Criteria	Conformance Level	Remarks and Explanations
1.1.1 Non-text Content	Supports	All images, icons, and charts have text alternatives for assistive technology.
1.2.1 Audio-only and Video-only (Prerecorded)	Does Not Support	Prerecorded audio-only and video-only content does not currently have a text or audio alternative available.
1.2.2 Captions (Prerecorded)	Partially Supports	Captioning for video content is not consistently available across the application. Depending on the source of a given video, captions may or may not be present.
1.2.3 Audio Description or Media Alternative (Prerecorded)	Does Not Support	Prerecorded video content does not currently have an audio description track or an equivalent full-text alternative available.
1.3.1 Info and Relationships	Supports	Content structure (headings, sections) is conveyed programmatically, supporting assistive technology navigation.
1.3.2 Meaningful Sequence	Supports	Content follows a logical reading and navigation order, both visually and programmatically.
1.3.3 Sensory Characteristics	Supports	Instructions reference specific controls or features, avoiding reliance on color or position.
1.4.1 Use of Color	Supports	Information conveyed by color is also available via text or icons.
1.4.2 Audio Control	Supports	Text-to-speech audio used in the application can be paused or played by the user; volume is adjusted through the device's system volume controls.

Criteria	Conformance Level	Remarks and Explanations
2.1.1 Keyboard	Supports	All interactive controls, including charts and tools, are fully keyboard-operable.
2.1.2 No Keyboard Trap	Supports	Dialogs and pop-ups correctly manage keyboard focus, preventing traps.
2.1.4 Character Key Shortcuts	Supports	No single-character keyboard shortcuts are implemented.
2.2.1 Timing Adjustable	Partially Supports	Timed assignments can have their time limit adjusted by a teacher. There is currently no option for a student to independently extend or pause their own time limit once an assignment has started.
2.2.2 Pause, Stop, Hide	Supports	Moving or auto-updating content is user-controlled; nothing animates or advances without stopping.
2.3.1 Three Flashes or Below Threshold	Supports	The application contains no flashing or strobing visual content.
2.4.1 Bypass Blocks	Supports	Users can bypass repeated navigation to reach main content.
2.4.2 Page Titled	Supports	All pages have descriptive, specific titles.
2.4.3 Focus Order	Supports	Keyboard focus follows a logical, predictable order across all elements.
2.4.4 Link Purpose (In Context)	Supports	Links use clear, descriptive text to identify destinations.
2.5.1 Pointer Gestures (Level A 2.1 and 2.2)	Supports	All interactive gestures (e.g., pinch-to-zoom) have on-screen button alternatives.
2.5.2 Pointer Cancellation (Level A 2.1 and 2.2)	Supports	Pointer interactions, including drag-and-drop, complete on release and can be cancelled before completion.
2.5.3 Label in Name (Level A 2.1 and 2.2)	Supports	Interactive controls with visible text include that text in their accessible name.
2.5.4 Motion Actuation (Level A 2.1 and 2.2)	Not Applicable	No functionality depends on device motion (e.g., shake or tilt).
3.1.1 Language of Page	Supports	Every page identifies its language for proper assistive technology pronunciation.
3.2.1 On Focus	Supports	Keyboard focus movement does not trigger unexpected context changes.
3.2.2 On Input	Supports	Selecting options (e.g., dropdowns) applies changes as a direct result of user action. Confirmation steps are used when appropriate.
3.3.1 Error Identification	Supports	Form validation errors identify specific fields and provide corrective reasons.
3.3.2 Labels or Instructions	Supports	Required form fields are programmatically marked for assistive technology.
4.1.1 Parsing	Supports	Markup is well-formed and free of structural errors.
4.1.2 Name, Role, Value	Supports	Interactive controls are built with appropriate roles and labels.
4.1.3 Status Messages (Level AA 2.1 and 2.2)	Supports	Status updates (e.g., search results) are announced programmatically without shifting focus.

Level AA

Criteria	Conformance Level	Remarks and Explanations
1.2.4 Captions (Live)	Not Applicable	No live video, webinar, or streaming features exist in the authenticated application.

Criteria	Conformance Level	Remarks and Explanations
1.2.5 Audio Description (Prerecorded)	Does Not Support	Prerecorded video content lacks described-audio tracks.
1.3.4 Orientation (Level AA 2.1 and 2.2)	Supports	The application supports both portrait and landscape device orientations.
1.3.5 Identify Input Purpose (Level AA 2.1 and 2.2)	Supports	Form fields for personal data are correctly identified for browser autofill support.
1.4.3 Contrast (Minimum)	Supports	Text meets minimum contrast guidelines against background elements.
1.4.4 Resize text	Supports	Text can be resized using browser zoom without content loss.
1.4.5 Images of Text	Supports	Text is presented as real, selectable text rather than as images, allowing it to be resized, styled, and read by assistive technology.
1.4.10 Reflow (Level AA 2.1 and 2.2)	Supports	The application reflows for smaller screens, eliminating horizontal scrolling.
1.4.11 Non-text Contrast (Level AA 2.1 and 2.2)	Supports	Borders and boundaries around interactive elements meet minimum contrast requirements.
1.4.12 Text Spacing (Level AA 2.1 and 2.2)	Supports	The application remains usable when text spacing (line/letter height) is increased.
1.4.13 Content on Hover or Focus (Level AA 2.1 and 2.2)	Supports	Hover-triggered content (e.g., tooltips) can be dismissed via keyboard or pointer.
2.4.5 Multiple Ways	Supports	Users have multiple ways to locate content (e.g., search, persistent navigation).
2.4.6 Headings and Labels	Supports	Page titles and labels are specific and descriptive.
2.4.7 Focus Visible	Supports	Interactive elements display a clear, high-contrast focus indicator.
3.1.2 Language of Parts	Supports	Foreign language content is programmatically identified to ensure correct pronunciation.
3.2.3 Consistent Navigation	Supports	Navigation elements maintain consistent placement throughout the application.
3.2.4 Consistent Identification	Supports	Controls are labeled consistently throughout the application.
3.3.3 Error Suggestion	Supports	Form validation errors provide specific, corrective suggestions.
3.3.4 Error Prevention (Legal, Financial, Data)	Supports	Data-modifying actions include confirmation steps and recovery options.

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