



Magma Math

Accessibility Conformance Report

WCAG Edition

(Based on VPAT® Version 2.5)

Name of Product/Version: Magma Math

Report Date: September 2026

Product Description: K-12 Digital Math Platform with Handwriting Recognition

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Evaluation Methods Used:

- Self-assessment, based on knowledge of general product functionality.
- [Screen Reader](#) (Chrome Extension) was used for all screen reader-related criteria.
- Device Accessible Keyboard was used for all accessible keyboard-related criteria.
- [WebAIM Contrast-Checker](#) was used for contrast-related criteria.

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 2.2	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

Notes:

Criteria	Conformance Level	Remarks and Explanations
1.1.1 Non-text Content (Level A)	Supports	Instructional images and user-interface controls include text alternatives. Decorative images are coded to be ignored by assistive technologies.
1.2.1 Audio-only and Video-only (Prerecorded) (Level A)	Not Applicable	
1.2.2 Captions (Prerecorded) (Level A)	Not Applicable	
1.2.3 Audio Description or Media Alternative (Prerecorded) (Level A)	Not Applicable	
1.3.1 Info and Relationships (Level A)	Supports	
1.3.2 Meaningful Sequence (Level A)	Partially Supports	The core instructional pathways and student workflows are presented in a meaningful and logical sequence. We are currently implementing enhancements to the navigation and content structure in the administrative and reporting modules to ensure a perfectly logical tab-and-read order sitewide. This work is on track for completion by Q1 2027.
1.3.3 Sensory Characteristics (Level A)	Supports	
1.4.1 Use of Color (Level A)	Supports	
1.4.2 Audio Control (Level A)	Not Applicable	
2.1.1 Keyboard (Level A)	Supports	All functionality of the platform is operable through a keyboard interface, including the Assignments, Practice, Fact Fluency, and Profile pages and interactions on the drawboard. Freehand drawing is exempt under the path-dependent input exception of 2.1.1.
2.1.2 No Keyboard Trap (Level A)	Supports	Resolved through a dedicated accessible-dialog component and a keyboard-handler refactor; users can move into and out of all interactive components without becoming trapped.

Criteria	Conformance Level	Remarks and Explanations
2.1.4 Character Key Shortcuts (Level A 2.1 and 2.2)	Not Applicable	
2.2.1 Timing Adjustable (Level A)	Not Applicable	
2.2.2 Pause, Stop, Hide (Level A)	Not Applicable	
2.3.1 Three Flashes or Below Threshold (Level A)	Supports	
2.4.1 Bypass Blocks (Level A)	Supports	
2.4.2 Page Titled (Level A)	Supports	
2.4.3 Focus Order (Level A)	Supports	Navigation and interactive elements follow a logical focus order. Modal focus management is implemented, including correct tab order within the statistics modal.
2.4.4 Link Purpose (In Context) (Level A)	Supports	The purpose of each link can be determined from the link text or its immediate context, including icon-only links in the sidebar navigation.
2.5.1 Pointer Gestures (Level A 2.1 and 2.2)	Supports	
2.5.2 Pointer Cancellation (Level A 2.1 and 2.2)	Supports	
2.5.3 Label in Name (Level A 2.1 and 2.2)	Supports	All form fields and interactive controls have programmatically associated labels, and visible labels match their accessible names across components.
2.5.4 Motion Actuation (Level A 2.1 and 2.2)	Not Applicable	
3.1.1 Language of Page (Level A)	Supports	
3.2.1 On Focus (Level A)	Supports	
3.2.2 On Input (Level A)	Supports	
3.2.6 Consistent Help (Level A 2.2 only)	Supports	
3.3.1 Error Identification (Level A)	Supports	
3.3.2 Labels or Instructions (Level A)	Supports	All form controls and input fields are accompanied by clear, visible labels, and instructions are provided where user input is required, including for multi-step tasks.
3.3.7 Redundant Entry (Level A 2.2 only)	Supports	
4.1.1 Parsing (Level A)	Supports	Under WCAG 2.0 and 2.1, this criterion is always met for HTML and XML content. It is obsolete and was removed in WCAG 2.2.

Criteria	Conformance Level	Remarks and Explanations
4.1.2 Name, Role, Value (Level A)	Supports	ARIA labels across custom interactive components communicate name, role, state, and value consistently site-wide.

Table 2: Success Criteria, Level AA

Notes:

Criteria	Conformance Level	Remarks and Explanations
1.2.4 Captions (Live) (Level AA)	Not Applicable	
1.2.5 Audio Description (Prerecorded) (Level AA)	Not Applicable	
1.3.4 Orientation (Level AA 2.1 and 2.2)	Supports	
1.3.5 Identify Input Purpose (Level AA 2.1 and 2.2)	Supports	
1.4.3 Contrast (Minimum) (Level AA)	Supports	
1.4.4 Resize text (Level AA)	Supports	
1.4.5 Images of Text (Level AA)	Supports	
1.4.10 Reflow (Level AA 2.1 and 2.2)	Supports	
1.4.11 Non-text Contrast (Level AA 2.1 and 2.2)	Partially Supports	All colors used in graphs, diagrams, tables, and images that are essential for problem solving are in colors that are accessible for students with color vision deficiencies. For a few components (e.g. assignment cards, numeric buttons) the contrast ratio is less than 3:1. We are actively updating these components to meet requirements, with full support expected by Q1 2027.
1.4.12 Text Spacing (Level AA 2.1 and 2.2)	Supports	
1.4.13 Content on Hover or Focus (Level AA 2.1 and 2.2)	Not Applicable	
2.4.5 Multiple Ways (Level AA)	Supports	G125: Providing links to navigate to related Web pages G185: Linking to all of the pages on the site from the home page.
2.4.6 Headings and Labels (Level AA)	Supports	
2.4.7 Focus Visible (Level AA)	Supports	
2.4.11 Focus Not Obscured (Minimum) (Level AA 2.2 only)	Supports	

Criteria	Conformance Level	Remarks and Explanations
2.5.7 Dragging Movements (Level AA 2.2 only)	Supports	All functionality that uses a dragging movement can also be operated with a single pointer without dragging, or by keyboard.
2.5.8 Target Size (Minimum) (Level AA 2.2 only)	Supports	
3.1.2 Language of Parts (Level AA)	Supports	
3.2.3 Consistent Navigation (Level AA)	Supports	
3.2.4 Consistent Identification (Level AA)	Supports	
3.3.3 Error Suggestion (Level AA)	Supports	
3.3.4 Error Prevention (Legal, Financial, Data) (Level AA)	Supports	
3.3.8 Accessible Authentication (Minimum) (Level AA 2.2 only)	Supports	
4.1.3 Status Messages (Level AA 2.1 and 2.2)	Supports	

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