# <u>Great Minds - GM Platform - Accessibility Conformance Report WCAG 2. 1</u> and Revised Section 508 Edition

#### (Based on VPAT® Version 2.5)

Name of Product/Version: Eureka Math<sup>2</sup>®

Report Date: May 2024

**Product Description:** Eureka Math<sup>2</sup>® is a revolutionary math program designed to advance equity in the math classroom by helping students build enduring math knowledge. In this program, you'll find consistent math models, rigor to support productive stru ggle, and coherence across grades.

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**Notes:** The Eureka Math<sup>2</sup>® Great Minds digital platform includes several third-party tools that contain many of the issues contributing to partially supported criteria listed in this ACR. The Great Minds team is actively working with these third-party tool providers to address these issues.

**Evaluation Methods Used:** Evaluation of the product involved a combination of automated, manual, and functional testing against the applicable success criteria within the Web Content Accessibility Guidelines (WCAG) 2.1 Conformance Level A and AA. Level Access (Level) tested a selection of the product using a representative sample to cover the components and functionality of use flows. Below is a list of the assistive technologies (ATs) used:

NVDA/Chrome



# 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 2.1	Level A Yes
	Level AA Yes
	Level AAA No
Revised Section 508 standards published January 18, 2017 and	Yes
corrected January 22, 2018	



#### **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 be used only in WCAG Level AAA.

### WCAG 2.1 Report

Tables 1 and 2 also document conformance with Revised Section 508:

• Revised Section 508: Chapter 5 – 501.1 Scope, 504.2 Content Creation or Editing, and Chapter 6 – 602.3 Electronic Support Documentation.

Note: When reporting on conformance with the WCAG 2.x 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 Nortext Content (Level A) Also applies to: Revised Section 508  • 501 (Web)(Software)  • 504.2 (Authoring Tool)  • 602.3 (Support Docs)	Partially Supports	Most non-text content presented to the user in the product has text alternatives that serve the equivalent purpose. Exceptions include:  • On some pages, there is content that is visually displayed but hidden to assistive technology.  • Pages that have embedded iframes or canvas elements have controls that are not directly accessible.  • Several pages have combo boxes and elements that are missing appropriate name, role and state information.
1.2.1 Audio-only and Video-only (Prerecorded) (Level A) Also applies to: Revised Section 508  • 501 (Web)(Software)  • 504.2 (Authoring Tool)  • 602.3 (Support Docs)	Supports	The product does not contain prerecorded audioonly or video-only media.
1.2.2 Captions (Prerecorded) (Level A) Also applies to: Revised Section 508  • 501 (Web)(Software)  • 504.2 (Authoring Tool)  • 602.3 (Support Docs)	Supports	The product provides captions for prerecorded synchronized media (video with audio).



Criteria	Conformance Level	Remarks and Explanations
1.2.3 Audio Description or Media Alternative (Prerecorded) (Level A) Also applies to: Revised Section 508  • 501 (Web)(Software)  • 504.2 (Authoring Tool)  • 602.3 (Support Docs)	Supports	The product provides appropriate audio descriptions or a media alternative for prerecorded video media.
1.3.1 Info and Relationships (Level A) Also applies to: Revised Section 508  • 501 (Web)(Software)  • 504.2 (Authoring Tool)  • 602.3 (Support Docs)	Partially Supports	The product's content ensures that information, structure, and relationships conveyed through presentation can also be determined programmatically or through text. Exceptions include:  • Some buttons do not have accessible names.  • Groups of radio buttons do not use fieldsets.
1.3.2 Meaningful Sequence (Level A) Also applies to: Revised Section 508  • 501 (Web)(Software)  • 504.2 (Authoring Tool)  • 602.3 (Support Docs)	Partially Supports	The product's programmatic reading order matches the visual and logical order on most pages. A rating of Partially Supports has been given for the following reason(s):  On the assignment completion and review pages, the reading order for questions and their corresponding responses is not logical.
1.3.3 Sensory Characteristics (Level A) Also applies to: Revised Section 508  • 501 (Web)(Software)  • 504.2 (Authoring Tool)  • 602.3 (Support Docs)	Supports	The product does not contain instructions that rely solely on sensory characteristics such as shape, size, visual location, or sound.



Criteria	Conformance Level	Remarks and Explanations
1.4.1 Use of Color(Level A) Also applies to: Revised Section 508  • 501 (Web)(Software)  • 504.2 (Authoring Tool)  • 602.3 (Support Docs)	Partially Supports	In the majority of instances, the product does not use color as the only visual means of conveying information, indicating action, or prompting a response. Exceptions include:  • Color is used to indicate selection on the "Live Mode - Student Slide 5 (Student XP)(Slides)" page.
1.4.2 Audio Control (Level A) Also applies to: Revised Section 508  • 501 (Web)(Software)  • 504.2 (Authoring Tool)  • 602.3 (Support Docs)	Supports	The product does not include audio that plays automatically.
2.1.1 Keyboard (Level A) Also applies to: Revised Section 508  • 501 (Web)(Software)  • 504.2 (Authoring Tool)  • 602.3 (Support Docs)	Partially Supports	In most instances, the product ensures that interactive content and functionality is accessible and operable using a keyboard or keyboard emulator. Exceptions include:  • On the assignment feedback and completion pages, there are controls associated with the canvas and toolbar functionality that is not operable using the keyboard.
2.1.2 No Keyboard Trap (Level A) Also applies to: Revised Section 508  • 501 (Web)(Software)  • 504.2 (Authoring Tool)  • 602.3 (Support Docs)	Supports	Where a component can receive keyboard focus, the product allows focus to be moved away using only the keyboard.



Criteria	Conformance Level	Remarks and Explanations
2.1.4 Character Key Shortcuts(Level A 2.1 only)	Supports	The product does not use character key shortcuts.
Also applies to:		
Revised Section 508 – Does not apply		
2.2.1 Timing Adjustable(Level A)	Supports	The product allows users to turn off, adjust, or
Also applies to:		extend time limits imposed for content before
Revised Section 508		expiration.
• 501 (Web)(Software)		
• 504.2 (Authoring Tool)		
• 602.3 (Support Docs)		
2.2.2 Pause, Stop, Hide (Level A)	Supports	The product does not contain content that moves,
Also applies to:		blinks, scrolls, or auto-updates.
Revised Section 508		
• 501 (Web)(Software)		
• 504.2 (Authoring Tool)		
• 602.3 (Support Docs)		
2.3.1 Three Flashes or Below Threshold (Level A)	Supports	The product does not contain flashing content.
Also applies to:		
Revised Section 508		
• 501 (Web)(Software)		
• 504.2 (Authoring Tool)		
• 602.3 (Support Docs)		
2.4.1 Bypass Blocks (Level A)	Supports	The product provides skip links and other
Also applies to:		mechanisms to bypass blocks of content repeated
Revised Section 508		on multiple pages.
• 501 (Web)(Software) – Does not apply to non-		
web software		
• 504.2 (Authoring Tool)		
• 602.3 (Support Docs) – Does not apply to non-		
web docs		



Criteria	Conformance Level	Remarks and Explanations
2.4.2 Page Titled (Level A) Also applies to: Revised Section 508  • 501 (Web)(Software)  • 504.2 (Authoring Tool)  • 602.3 (Support Docs)	Partially Supports	Most pages of the product provide titles that adequately describe their topic or purpose.  Exceptions include:  • The "Lesson Guidance & Slide Preview (Slide Preview/Interact)(Planning)(Slides) – Video" page is missing an informative page title.
2.4.3 Focus Order (Level A) Also applies to: Revised Section 508  • 501 (Web)(Software)  • 504.2 (Authoring Tool)  • 602.3 (Support Docs)	Supports	The product ensures that focusable components receive focus in an order that preserves meaning and operability.
2.4.4 Link Purpose (In Context) (Level A) Also applies to: Revised Section 508  • 501 (Web)(Software)  • 504.2 (Authoring Tool)  • 602.3 (Support Docs)	Supports	The product ensures that the purpose of links can be determined from the link text alone or in combination with the surrounding or programmatic context.
2.5.1 Pointer Gestures (Level A 2.1 only) Also applies to: Revised Section 508 – Does not apply	Supports	The product does not require multipoint or path-based gestures for operation.
2.5.2 Pointer Cancellation (Level A 2.1 only) Also applies to: Revised Section 508 – Does not apply	Supports	The product ensures that functionality on pointer down-event is completed only when the user releases the pointer or allows the user to abort and/or undo the action.
2.5.3 Label in Name (Level A 2.1 only) Also applies to: Revised Section 508 – Does not apply	Supports	The product ensures that when interface components have visual labels that include text, the provided accessible name contains the visually presented text.



Criteria	Conformance Level	Remarks and Explanations
2.5.4 Motion Actuation (Level A 2.1 only)	Supports	The product does not contain functionality that
Also applies to:		requires device motion or user motion.
Revised Section 508 – Does not apply		
3.1.1 Language of Pag∉Level A)	Supports	The product ensures that the default human
Also applies to:		language used on each page can be
Revised Section 508		programmatically determined.
• 501 (Web)(Software)		
• 504.2 (Authoring Tool)		
• 602.3 (Support Docs)		
3.2.1 On Focus (Level A)	Supports	The product ensures that interface components do
Also applies to:		not initiate a change of context when receiving
Revised Section 508		focus.
• 501 (Web)(Software)		
• 504.2 (Authoring Tool)		
• 602.3 (Support Docs)		
3.2.2 On Input (Level A)	Supports	The product ensures that interactive components
Also applies to:		do not initiate a change in context when the
Revised Section 508		component setting is changed unless followed by
• 501 (Web)(Software)		an explicit user action such as activation of a
• 504.2 (Authoring Tool)		button or link.
• 602.3 (Support Docs)		
3.3.1 Error Identification (Level A)	Supports	Where the product automatically detects input
Also applies to:		errors, the item or field in error is identified and
Revised Section 508		the error is described to the user in text.
• 501 (Web)(Software)		
• 504.2 (Authoring Tool)		
• 602.3 (Support Docs)		



Criteria	Conformance Level	Remarks and Explanations
3.3.2 Labels or Instructions (Level A) Also applies to: Revised Section 508  • 501 (Web)(Software)  • 504.2 (Authoring Tool)  • 602.3 (Support Docs)	Partially Supports	In most instances, where user input is required, the product presents adequate labels or instructions for successfully providing that input. Exceptions include:  • On the "Review Assessment details" page, group labels are not properly implemented for radio buttons.
4.1.1 Parsing (Level A)  WCAG 2.0 and 2.1 – Always answer 'Supports' WCAG  2.2 (obsolete and removed) - Does not apply  Also applies to:  Revised Section 508  • 501 (Web)(Software)  • 504.2 (Authoring Tool)  • 602.3 (Support Docs)	Supports	For WCAG 2.0, 2.1, EN 301549, and Revised 508 Standards, 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.
4.1.2 Name, Role, Value (Level A) Also applies to: Revised Section 508  • 501 (Web)(Software)  • 504.2 (Authoring Tool)  • 602.3 (Support Docs)	Partially Supports	<ul> <li>In most instances, the product contains user interface components whose name, role, state, and value can be programmatically determined.</li> <li>Exceptions include: <ul> <li>Some pages have elements with invalid ARIA roles, states, and properties.</li> <li>Some pages have combo boxes and other elements that are missing appropriate name, role and/or state information.</li> <li>Some pages that have embedded iframes or canvas elements have controls that are not directly accessible.</li> <li>On some pages there is content that is visually displayed but hidden to assistive technology.</li> </ul> </li> </ul>



# Table 2: Success Criteria, Level AA

Criteria	Conformance Level	Remarks and Explanations
1.2.4 Captions (Live)(Level AA) Also applies to: Revised Section 508  • 501 (Web)(Software)  • 504.2 (Authoring Tool)  • 602.3 (Support Docs)	Supports	The product does not contain any live synchronized media (video with audio) that requires real-time captioning.
1.2.5 Audio Description (Prerecorded) (Level AA) Also applies to: Revised Section 508  • 501 (Web)(Software)  • 504.2 (Authoring Tool)  • 602.3 (Support Docs)	Supports	The product does not contain any prerecorded synchronized media (video with audio) that requires audio descriptions.
1.3.4 Orientation (Level AA 2.1 only) Also applies to: Revised Section 508 – Does not apply	Supports	The product does not restrict its view and operation to a single display orientation, such as portrait or landscape.
1.3.5 Identify Input Purpose (Level AA 2.1 only) Also applies to: Revised Section 508 – Does not apply	Supports	The product ensures that the purpose of input fields that request information about the user can be programmatically determined.
1.4.3 Contrast (Minimum) (Level AA) Also applies to: Revised Section 508  • 501 (Web)(Software)  • 504.2 (Authoring Tool)  • 602.3 (Support Docs)	Partially Supports	In most instances, the visual presentation of text and images of text in the product provides a contrast ratio of at least 4.5:1 against adjacent colors. Exceptions include:  • On the "Live Mode - Student Slide 5 (Student XP)(Slides)" page, there is text that does not meet its minimum color contrast ratio with its background.



Criteria	Conformance Level	Remarks and Explanations
1.4.4 Resize text(Level AA) Also applies to: Revised Section 508  • 501 (Web)(Software)  • 504.2 (Authoring Tool)  • 602.3 (Support Docs)	Partially Supports	In most instances, the product allows text to be resized without assistive technology up to 200 percent without loss of content or functionality. Exceptions include:  • On the Assessment Scoring Page when text is resized to 200%, users need to scroll horizontally as well as vertically to see all of the content.
1.4.5 Images of Text (Level AA) Also applies to: Revised Section 508  • 501 (Web)(Software)  • 504.2 (Authoring Tool)  • 602.3 (Support Docs)	Supports	Except for logos, the product uses text instead of images of text.
1.4.10 Reflow (Level AA 2.1 only) Also applies to: Revised Section 508 – Does not apply	Partially Supports	In most instances, pages of the product allow for resizing to a minimum width of 320 CSS pixels or vertical height of 256 CSS pixels without loss of content or functionality, and without requiring scrolling in two dimensions. Exceptions include:  • On the Assessment Preview Page there is content that is cut off and requires horizontal scrolling to view when the page has a viewport width of 320 CSS pixels.
1.4.11 Non-text Contrast (Level AA 2.1 only) Also applies to: Revised Section 508 – Does not apply	Supports	Visual presentation of non-text content in the product has a contrast ratio of at least 3:1 against adjacent color(s).
1.4.12 Text Spacing (Level AA 2.1 only) Also applies to: Revised Section 508 – Does not apply	Supports	The product supports user changes in text style properties, such as line height or text spacing, without loss of content or functionality.



Criteria	Conformance Level	Remarks and Explanations
1.4.13 Content on Hover or Focu≰Level AA 2.1 only) Also applies to: Revised Section 508 – Does not apply	Partially Supports	In most instances, content triggered by hover or focus becomes and remains visible while triggered and is dismissed when hover or focus is removed. Exceptions include:  • On several pages, there is content that appears on hover and/or focus, obscures other content, and cannot be dismissed without moving focus or the cursor.
<ul> <li>2.4.5 Multiple Ways (Level AA)</li> <li>Also applies to:</li> <li>Revised Section 508</li> <li>501 (Web)(Software) – Does not apply to nonweb software</li> <li>504.2 (Authoring Tool)</li> <li>602.3 (Support Docs) – Does not apply to nonweb docs</li> </ul>	Supports	The product provides multiple ways to navigate through pages in the product except where pages are sequential steps in a process.
2.4.6 Headings and Labels (Level AA) Also applies to: Revised Section 508  • 501 (Web)(Software)  • 504.2 (Authoring Tool)  • 602.3 (Support Docs)	Supports	The product uses headings and labels that describe their topic or purpose.
2.4.7 Focus Visible (Level AA) Also applies to: Revised Section 508  • 501 (Web)(Software)  • 504.2 (Authoring Tool)  • 602.3 (Support Docs)	Partially Supports	In most instances, the product provides a visible indication of keyboard focus for elements on each page. Exceptions include:  • There are some pages and dialogs on which the visual indication of keyboard focus becomes obscured or is not visible.



Criteria	Conformance Level	Remarks and Explanations
3.1.2 Language of Parts(Level AA)	Supports	Pages of the product present content in a single
Also applies to:		language.
Revised Section 508		
• 501 (Web)(Software)		
• 504.2 (Authoring Tool)		
• 602.3 (Support Docs)		
3.2.3 Consistent Navigation (Level AA)	Supports	The product ensures that navigational
Also applies to:		mechanisms repeated across the product are
Revised Section 508		presented consistently and in the same relative
• 501 (Web)(Software) – Does not apply to non-		order.
web software		
• 504.2 (Authoring Tool)		
• 602.3 (Support Docs) – Does not apply to non-		
web docs		
3.2.4 Consistent Identification (Level AA)	Supports	The product ensures that components with the
Also applies to:		same functionality are identified consistently
Revised Section 508		across pages of the product.
• 501 (Web)(Software) – Does not apply to non-		
web software		
• 504.2 (Authoring Tool)		
• 602.3 (Support Docs) – Does not apply to non-		
web docs		
3.3.3 Error Suggestion (Level AA)	Supports	Where the product automatically detects input
Also applies to:		errors and provides error messages, the product
Revised Section 508		also provides suggestions for correcting each
• 501 (Web)(Software)		error.
• 504.2 (Authoring Tool)		
• 602.3 (Support Docs)		



Criteria	Conformance Level	Remarks and Explanations
3.3.4 Error Prevention (Legal, Financial, Data)(Level AA) Also applies to: Revised Section 508  • 501 (Web)(Software)  • 504.2 (Authoring Tool)  • 602.3 (Support Docs)	Supports	The product does not cause financial transactions or legal commitments to occur. User-controllable data is checked before submission and can be reversed or revised after submission.
4.1.3 Status Messages (Level AA 2.1 only) Also applies to: Revised Section 508 – Does not apply	Supports	When status messages appear, the product automatically provides those messages to assistive technology without requiring focus.

# Revised Section 508 Report



# Chapter 3: Functional Performance Criteria (FPC)

Criteria	Conformance Level	Remarks and Explanations
302.1 Without Vision	Partially Supports	The product's features mostly allow people without vision to use screen readers to interact with user interface elements except as disclosed in <a href="Table 1">Table 1</a> : <a href="Success Criteria">Success Criteria</a> , Level A <ul> <li>1.1.1 Non-text Content, 1.3.1 Info and Relationships, 1.3.2 Meaningful Sequence, 1.4.1 Use of Color, 2.1.1 Keyboard, 2.4.2 Page Titled, 3.3.2 Labels or Instructions, and 4.1.2 Name, Role, Value</li> </ul>
302.2 With Limited Vision	Partially Supports	The product's features mostly allow people with vision loss to interact with user interface elements except as disclosed in <a href="Table 1: Success Criteria">Table 1: Success Criteria</a> , <a href="Level A">Level A</a> : <ul> <li>1.1.1 Non-text Content, 1.3.1 Info and Relationships, 1.4.1 Use of Color, 2.1.1 Keyboard, 2.4.2 Page Titled, 3.3.2 Labels or Instructions, 4.1.2 Name, Role, Value</li> <li>And <a href="Table 2: Success Criteria">Table 2: Success Criteria</a>, <a href="Level AA">Level AA</a>: <a href="Level AA">1.4.3 Contrast (Minimum)</a>, 1.4.4 Resize Text, and 2.4.7 Focus Visible</li> </ul>



Criteria	Conformance Level	Remarks and Explanations
302.3 Without Perception of Color	Partially Supports	The product's features mostly allow users without perception of color to interact with user interface elements except as disclosed in <a href="Table 1: Success">Table 1: Success</a> <a href="Criteria">Criteria</a> , Level A: <ul> <li>1.4.1 Use of Color</li> </ul> And <a href="Table 2: Success Criteria">Table 2: Success Criteria</a> , Level AA: <ul> <li>1.4.3 Contrast (Minimum)</li> </ul>
302.4 Without Hearing	Supports	The product is usable by people without hearing.
302.5 With Limited Hearing	Supports	The product is usable by people with limited hearing.
302.6 Without Speech	Supports	Speech input is not required to use the product.
302.7 With Limited Manipulation	Partially Supports	The product features mostly allow people with limited manipulation to interact with user interface elements except as disclosed in <u>Table 1: Success Criteria, Level A:</u> • 2.1.1 Keyboard, 2.4.2 Page Titled, 4.1.2 Name, Role, Value  And <u>Table 2: Success Criteria, Level AA:</u> • 2.4.7 Focus Visible
302.8 With Limited Reach and Strength	Supports	The product's features allow people with limited reach or strength to interact with the user interface.



Criteria	Conformance Level	Remarks and Explanations
302.9 With Limited Language, Cognitive, and Learning Abilities	Partially Supports	The product's features mostly allow people with limited language, cognition, and learning abilities to interact with the user interface except as disclosed in <a href="Table 1: Success Criteria, Level A">Table 1: Success Criteria, Level A</a> • 1.1.1 Non-text Content, 1.3.1 Info and Relationships, 1.3.2 Meaningful Sequence, 1.4.1 Use of Color, 2.1.1 Keyboard, 2.4.2 Page
		Titled, 3.3.2 Labels or Instructions, 4.1.2  Name Role, Value  And <u>Table 2: Success Criteria, Level AA</u> :  • 2.4.7 Focus Visible

Chapter 4: Hardware

Notes: Not Applicable

Chapter 5: Software

Notes:

Chapter 6: <u>Support Documentation and Services</u>



Criteria	Conformance Level	Remarks and Explanations
601.1 Scope	Heading cell – no response required	Heading cell – no response required
602 Support Documentation	Heading cell – no response required	Heading cell – no response required
602.2 Accessibility and Compatibility Features	Applicable – not tested	Documentation listing and explanation of how to use the accessibility and compatibility features was not included in the scope of this evaluation.
602.3 Electronic Support Documentation	See WCAG 2.1section	See information in WCAG 2.1 section
602.4 Alternate Formats for Non-Electronic Support Documentation	Applicable – not tested	Non-electronic documentation formats and other alternate formats usable by individuals with disabilities were not included in the scope of this evaluation.
603 Support Services	Heading cell – no response required	Heading cell – no response required
603.2 Information on Accessibility and Compatibility Features	Applicable – not tested	ICT support services that include information on the accessibility and compatibility features required by 602.2 were not included in the scope of this evaluation.
603.3 Accommodation of Communication Needs	Applicable – not tested	Direct user support services or referral to a point of contact that accommodates a user with disabilities was not included in the scope of this evaluation.

# Legal Disclaimer (Company)

As of the testing date to which this publication relates to (indicated in Report Date), this document describes Great Minds Eureka Math<sup>2</sup>®'s ability to support certain WCAG standards for informational purposes only and the contents are subject to change without



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