

Maplesoft Accessibility Conformance Report

Revised Section 508 Edition

(Based on VPAT® Version 2.5)

Name of Product/Version: Maple Calculator for Student Success Platform

Report Date: January 25, 2025

Product Description: All-in-one calculator mobile app that solves math problems, generates 2-D and 3-D visualizations, and provides step-by-step solutions for a wide variety of math homework problems encountered at high school and university.

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Notes:

Evaluation Methods Used: Conformance to the listed accessibility standards has been evaluated by Maplesoft through manual testing with assistive technologies.

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)

Standard/Guideline	Included In Report
	Level AA (Yes) Level AAA (No)
Revised Section 508 standards published January 18, 2017 and corrected January 22, 2018	(Yes)

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 2.0 Report

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

- Chapter 5 – 501.1 Scope, 504.2 Content Creation or Editing
- Chapter 6 – 602.3 Electronic Support Documentation

Note: When reporting on conformance with the WCAG 2.0 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
<u>1.1.1 Non-text Content</u> (Level A) Also applies to: Revised Section 508 <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	Partially Supports	<ul style="list-style-type: none"> • Non text buttons and components have appropriate text alternatives. Text alternatives relating to plots are in progress.
<u>1.2.1 Audio-only and Video-only (Prerecorded)</u> (Level A) Also applies to: Revised Section 508 <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	N/A	<ul style="list-style-type: none"> • There are no videos in Maple Calculator for the Student Success Platform
<u>1.2.2 Captions (Prerecorded)</u> (Level A) Also applies to: Revised Section 508 <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	N/A	<ul style="list-style-type: none"> • There is no pre-recorded audio content.
<u>1.2.3 Audio Description or Media Alternative (Prerecorded)</u> (Level A) Also applies to: Revised Section 508 <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	N/A	<ul style="list-style-type: none"> • There are no videos or time based media content in Maple Calculator for the Student Success Platform
<u>1.3.1 Info and Relationships</u> (Level A) Also applies to: Revised Section 508 <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) 	Supports	<ul style="list-style-type: none"> • Using TalkBack or VoiceOver, components are read left to right top to bottom as you navigate through them with a screen reader.

Criteria	Conformance Level	Remarks and Explanations
<ul style="list-style-type: none"> 602.3 (Support Docs) 		
<p><u>1.3.2 Meaningful Sequence</u> (Level A)</p> <p>Also applies to:</p> <p>Revised Section 508</p> <ul style="list-style-type: none"> 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs) 	Supports	<ul style="list-style-type: none"> Using TalkBack or VoiceOver, components are read left to right top to bottom as you navigate through them with a screen reader.
<p><u>1.3.3 Sensory Characteristics</u> (Level A)</p> <p>Also applies to:</p> <p>Revised Section 508</p> <ul style="list-style-type: none"> 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs) 	Supports	<ul style="list-style-type: none"> Instructions do not rely solely on sensory characteristics
<p><u>1.4.1 Use of Color</u> (Level A)</p> <p>Also applies to:</p> <p>Revised Section 508</p> <ul style="list-style-type: none"> 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs) 	Partially Supports	<ul style="list-style-type: none"> Most of Maple Calculator doesn't require the use of colour. When plotting multiple curves on the same set of axes, color is used to show which curve corresponds to which equation. A partial workaround is to first plot each curve separately to determine their shapes, before combining them on the same axes.
<p><u>1.4.2 Audio Control</u> (Level A)</p> <p>Also applies to:</p> <p>Revised Section 508</p> <ul style="list-style-type: none"> 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs) 	N/A	<ul style="list-style-type: none"> No auto playing audio
<p><u>2.1.1 Keyboard</u> (Level A)</p> <p>Also applies to:</p> <p>Revised Section 508</p> <ul style="list-style-type: none"> 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs) 	Partially Supports	<ul style="list-style-type: none"> The keyboard provided with the app works with TalkBack and VoiceOver. A physical keyboard can be used to navigate menus, as well as the swiping mechanism built into the screenreaders. Because the built-in keyboard interface provides math-specific symbols not

Criteria	Conformance Level	Remarks and Explanations
		<ul style="list-style-type: none"> available on a physical keyboard, a physical keyboard cannot be used to enter math expressions.
<u>2.1.2 No Keyboard Trap</u> (Level A) Also applies to: Revised Section 508 <ul style="list-style-type: none"> 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs) 	Supports	<ul style="list-style-type: none"> Users will not be caught in a keyboard trap
<u>2.2.1 Timing Adjustable</u> (Level A) Also applies to: Revised Section 508 <ul style="list-style-type: none"> 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs) 	N/A	<ul style="list-style-type: none"> No time limits
<u>2.2.2 Pause, Stop, Hide</u> (Level A) Also applies to: Revised Section 508 <ul style="list-style-type: none"> 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs) 	N/A	<ul style="list-style-type: none"> No auto-updating information or movement that happens automatically
<u>2.3.1 Three Flashes or Below Threshold</u> (Level A) Also applies to: Revised Section 508 <ul style="list-style-type: none"> 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs) 	Supports	<ul style="list-style-type: none"> No flashing content
<u>2.4.1 Bypass Blocks</u> (Level A) Also applies to: Revised Section 508 <ul style="list-style-type: none"> 501 (Web)(Software) – Does not apply to non-web software 504.2 (Authoring Tool) 	N/A	<ul style="list-style-type: none"> The product does not involve web pages

Criteria	Conformance Level	Remarks and Explanations
<ul style="list-style-type: none"> 602.3 (Support Docs) – Does not apply to non-web docs 		
<p>2.4.2 Page Titled (Level A)</p> <p>Also applies to:</p> <p>Revised Section 508</p> <ul style="list-style-type: none"> 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs) 	N/A	<ul style="list-style-type: none"> The product does not involve web pages
<p>2.4.3 Focus Order (Level A)</p> <p>Also applies to:</p> <p>Revised Section 508</p> <ul style="list-style-type: none"> 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs) 	Supports	<ul style="list-style-type: none"> Navigating the focus order through TalkBack or VoiceOver the navigation sequence preserves meaningful order
<p>2.4.4 Link Purpose (In Context) (Level A)</p> <p>Also applies to:</p> <p>Revised Section 508</p> <ul style="list-style-type: none"> 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs) 	Supports	<ul style="list-style-type: none"> The only external link has meaningful text
<p>3.1.1 Language of Page (Level A)</p> <p>Also applies to:</p> <p>Revised Section 508</p> <ul style="list-style-type: none"> 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs) 	Partially supports	<ul style="list-style-type: none"> The product uses the default language of the device, so as long as the screenreader remains set to the default language of the device, the language is correctly determined programmatically. If the user sets the app language to something other than the device default, but leaves their screenreader on the device language, the screenreader will not be able to determine that the language is different.
<p>3.2.1 On Focus (Level A)</p> <p>Also applies to:</p> <p>Revised Section 508</p> <ul style="list-style-type: none"> 501 (Web)(Software) 	Supports	<ul style="list-style-type: none"> Content is not changed when a component receives focus

Criteria	Conformance Level	Remarks and Explanations
<ul style="list-style-type: none"> 504.2 (Authoring Tool) 602.3 (Support Docs) 		
3.2.2 On Input (Level A) Also applies to: Revised Section 508 <ul style="list-style-type: none"> 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs) 	Supports	<ul style="list-style-type: none"> Entering data or using a control does not change the immediate context. A plot does update on user input, but that does not change the context.
3.3.1 Error Identification (Level A) Also applies to: Revised Section 508 <ul style="list-style-type: none"> 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs) 	Does not support	<ul style="list-style-type: none"> Input errors are not provided in text
3.3.2 Labels or Instructions (Level A) Also applies to: Revised Section 508 <ul style="list-style-type: none"> 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs) 	N/A	<ul style="list-style-type: none"> Content authoring is not available within Maple Calculator
4.1.1 Parsing (Level A) Also applies to: WCAG 2.0 – Always answer ‘Supports’ Revised Section 508 <ul style="list-style-type: none"> 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs) 	Supports	For WCAG 2.0 and the 508 standards, the September 2023 errata update indicates this criterion is always supported. See the WCAG 2.0 Editorial Errata .
4.1.2 Name, Role, Value (Level A) Also applies to: Revised Section 508 <ul style="list-style-type: none"> 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs) 	Supports	<ul style="list-style-type: none"> User interface components meet this criteria.

Table 2: Success Criteria, Level AA

Notes:

Criteria	Conformance Level	Remarks and Explanations
1.2.4 Captions (Live) (Level AA) Also applies to: Revised Section 508 <ul style="list-style-type: none"> 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs) 	N/A	<ul style="list-style-type: none"> No live audio is streamed by Maple Calculator
1.2.5 Audio Description (Prerecorded) (Level AA) Also applies to: Revised Section 508 <ul style="list-style-type: none"> 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs) 	N/A	<ul style="list-style-type: none"> There is no prerecorded audio in Maple Calculator
1.4.3 Contrast (Minimum) (Level AA) Also applies to: Revised Section 508 <ul style="list-style-type: none"> 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs) 	Partially Supports	<ul style="list-style-type: none"> The majority of text is black on a white background. There are a few cases where the text on buttons is white on a light blue background that has an approximate contrast ratio of 2.5:1
1.4.4 Resize text (Level AA) Also applies to: Revised Section 508 <ul style="list-style-type: none"> 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs) 	Does not support	<ul style="list-style-type: none"> There is no option to increase text size at this time
1.4.5 Images of Text (Level AA) Also applies to: Revised Section 508	Supports	<ul style="list-style-type: none"> No images of text are used

Criteria	Conformance Level	Remarks and Explanations
<ul style="list-style-type: none"> 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs) 		
2.4.5 Multiple Ways (Level AA) Also applies to: Revised Section 508 <ul style="list-style-type: none"> 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 	N/A	<ul style="list-style-type: none"> This product does not involve web pages
2.4.6 Headings and Labels (Level AA) Also applies to: Revised Section 508 <ul style="list-style-type: none"> 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs) 	Supports	<ul style="list-style-type: none"> Provided headings and labels are descriptive
2.4.7 Focus Visible (Level AA) Also applies to: Revised Section 508 <ul style="list-style-type: none"> 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs) 	Partially Supports	<ul style="list-style-type: none"> Focus is visible in fields expecting user input. For navigation, TalkBack and VoiceOver will show focus of elements when selected. When not using a screen reader focus is not displayed as elements are touch screen interactable.
3.1.2 Language of Parts (Level AA) Also applies to: Revised Section 508 <ul style="list-style-type: none"> 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs) 	Does not support	<ul style="list-style-type: none"> At this time, the human language for each passage cannot be programmatically determined.
3.2.3 Consistent Navigation (Level AA) Also applies to: Revised Section 508 <ul style="list-style-type: none"> 501 (Web)(Software) – Does not apply to non-web software 504.2 (Authoring Tool) 	N/A	<ul style="list-style-type: none"> This product does not involve web pages

Criteria	Conformance Level	Remarks and Explanations
<ul style="list-style-type: none"> 602.3 (Support Docs) – Does not apply to non-web docs 		
3.2.4 Consistent Identification (Level AA) Also applies to: Revised Section 508 <ul style="list-style-type: none"> 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 	N/A	<ul style="list-style-type: none"> This product does not involve web pages
3.3.3 Error Suggestion (Level AA) Also applies to: Revised Section 508 <ul style="list-style-type: none"> 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs) 	Partially supports	<ul style="list-style-type: none"> Mismatched parentheses are highlighted to indicate the solution to the problem. Error suggestions are not currently available for other types of input errors.
3.3.4 Error Prevention (Legal, Financial, Data) (Level AA) Also applies to: Revised Section 508 <ul style="list-style-type: none"> 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs) 	N/A	

Table 3: Success Criteria, Level AAA

Notes: Is not required as part of VPAT 2.4 508 (Revised Section 508 standards)

Revised Section 508 Report

Notes:

Chapter 3: [Functional Performance Criteria \(FPC\)](#)

Notes:

Criteria	Conformance Level	Remarks and Explanations
302.1 Without Vision	Supports	Maple Calculator works with screen readers
302.2 With Limited Vision	Supports	Maple Calculator respects system zoom settings and there is sufficient colour contrast for reading and inputting content/results.
302.3 Without Perception of Color	Partially Supports	The majority of Maple Calculator can be used without perception of colour. Graphs containing multiple curves use colour to distinguish between them. Expressions can be graphed individually to determine shape.
302.4 Without Hearing	Supports	Maple Calculator does not currently have audible modes of operation.
302.5 With Limited Hearing	Supports	Maple Calculator does not currently have audible modes of operation.
302.6 Without Speech	Supports	Maple Calculator does not require speech input.
302.7 With Limited Manipulation	Supports	Maple Calculator does not require simultaneous actions or fine motor controls.
302.8 With Limited Reach and Strength	Supports	Maple Calculator does not require simultaneous actions or fine motor controls.

Criteria	Conformance Level	Remarks and Explanations
302.9 With Limited Language, Cognitive, and Learning Abilities	Partially Supports	Maple Calculator is designed to enable users to perform complex mathematical operations with the push of a button.

Chapter 4: [Hardware](#)

Notes: Not Applicable

Chapter 5: [Software](#)

Notes:

Criteria	Conformance Level	Remarks and Explanations
501.1 Scope – Incorporation of WCAG 2.0 AA	See WCAG 2.x section	See information in WCAG 2.x section
502 Interoperability with Assistive Technology	Heading cell – no response required	Heading cell – no response required
502.2.1 User Control of Accessibility Features	Not applicable	Maple Calculator does not include platform features defined as accessibility features
502.2.2 No Disruption of Accessibility Features	Not applicable	Maple Calculator does not include platform features defined as accessibility features
502.3 Accessibility Services	Heading cell – no response required	Heading cell – no response required
502.3.1 Object Information	Not applicable	Maple Calculator is not platform software
502.3.2 Modification of Object Information	Not applicable	Maple Calculator is not platform software
502.3.3 Row, Column, and Headers	Not applicable	Maple Calculator is not platform software
502.3.4 Values	Not applicable	Maple Calculator is not platform software
502.3.5 Modification of Values	Not applicable	Maple Calculator is not platform software
502.3.6 Label Relationships	Not applicable	Maple Calculator is not platform software
502.3.7 Hierarchical Relationships	Not applicable	Maple Calculator is not platform software
502.3.8 Text	Not applicable	Maple Calculator is not platform software
502.3.9 Modification of Text	Not applicable	Maple Calculator is not platform software

Criteria	Conformance Level	Remarks and Explanations
502.3.10 List of Actions	Not applicable	Maple Calculator is not platform software
502.3.11 Actions on Objects	Not applicable	Maple Calculator is not platform software
502.3.12 Focus Cursor	Not applicable	Maple Calculator is not platform software
502.3.13 Modification of Focus Cursor	Not applicable	Maple Calculator is not platform software
502.3.14 Event Notification	Not applicable	Maple Calculator is not platform software
502.4 Platform Accessibility Features	Not applicable	Maple Calculator is not platform software
503 Applications	Heading cell – no response required	Heading cell – no response required
503.2 User Preferences	Does not support	User preferences are not supported at this time
503.3 Alternative User Interfaces	Not Applicable	This product does not function as an assistive technology.
<i>503.4 User Controls for Captions and Audio Description</i>	Heading cell – no response required	Heading cell – no response required
503.4.1 Caption Controls	Not applicable	Maple Calculator does not support synchronized media content.
503.4.2 Audio Description Controls	Not applicable	Maple Calculator does not provide program selection.
504 Authoring Tools	Heading cell – no response required	Heading cell – no response required
504.2 Content Creation or Editing (if not authoring tool, enter “not applicable”)	See WCAG 2.x section	See information in WCAG 2.x section
504.2.1 Preservation of Information Provided for Accessibility in Format Conversion	Not Applicable	Maple Calculator is not an authoring tool
504.2.2 PDF Export	Not Applicable	Maple Calculator is not an authoring tool
504.3 Prompts	Not Applicable	Maple Calculator is not an authoring tool
504.4 Templates	Not Applicable	Maple Calculator is not an authoring tool

Chapter 6: [Support Documentation and Services](#)

Notes:

Criteria	Conformance Level	Remarks and Explanations
<i>601.1 Scope</i>	Heading cell – no response required	Heading cell – no response required
602 Support Documentation	Heading cell – no response required	Heading cell – no response required

Criteria	Conformance Level	Remarks and Explanations
602.2 Accessibility and Compatibility Features	Supports	Accessibility and compatibility features are explained in product FAQs
602.3 Electronic Support Documentation	See WCAG 2.x section	See information in WCAG 2.x section
602.4 Alternate Formats for Non-Electronic Support Documentation	Supports	Support documentation is provided in electronic format.
603 Support Services	Heading cell – no response required	Heading cell – no response required
603.2 Information on Accessibility and Compatibility Features	Supports	The Maplesoft support team is knowledgeable about the product's accessibility and compatibility features
603.3 Accommodation of Communication Needs	Supports	Support services are provided through email and phone.

Legal Disclaimer (Company)

Include your company legal disclaimer here, if needed.