

MyLab Developmental Math Accessibility Conformance Report International Edition

(Based on VPAT[®] Version 2.4Rev)

Name of Product/Version:

MyLab Development Math

Report Date:

6th October 2023

Product Description:

Pearson MyLab Developmental Math is an online homework, tutorial, and assessments product for mathematic studies.

Contact Information:

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Notes:

Barrierbreak performed the accessibility audit for MyLab Developmental Math.

"Voluntary Product Accessibility Template" and "VPAT" are registered service marks of the Information Technology Industry Council (ITI)



At Pearson, we support every learner.

Pearson's defining goal — to help people make progress in their lives through learning — can only be fulfilled when our educational materials are accessible to all users.

Our commitment & progress

Accessibility and achievement go hand in hand. We are committed to enabling access for people with disabilities as part of the fabric of our learning materials, development processes, innovation efforts, and employee culture. Our goal is to help all students learn from our products and demonstrate that learning.

Pearson continues to make steady progress in developing our learning platforms, rich media assets, and other content to be as accessible as possible to all our customers. WCAG 2.1 AA standards form the basis of the Pearson Accessibility Guidelines for product development, and we regularly review our existing platforms and content to improve accessibility with each release. We provide up-to-date, clear, and straightforward statements on the accessibility of our products.

Evaluation Methods Used:

A representative set of 16 pages, 34 components and 4 videos from MyLab Developmental Math to perform the audit.

These pages include different types of elements and cover the key flows.

The pages and components were tested in the below environments:

- Desktop
 - Windows 11/Google Chrome/JAWS 2022
 - Windows 11/Firefox/NVDA 2022
 - Windows 11/Google Chrome/ZoomText 2022
 - MAC OS 12/Chrome/VoiceOver
- Mobile Browser
 - iOS 15/iPad/Safari/VoiceOver
 - Android 10/Tablet/Google Chrome/TalkBack

Accessibility testers performed the audit using:

- Automated tools
 - o W3C Markup Validation service
 - o Color contrast checker
- Code Inspection
- Color Contrast Checkers
- Keyboard-only interaction
- Screen readers
- Screen magnifiers

These results reflect the accessibility of a sample set of 16 pages, 34 components and 4 videos from the MyLab Developmental Math.

The sample set of 16 pages, 34 components and 4 videos that were evaluated includes:

• Webpages and Components:

- Left Navigation (Standard Features)
- Course Home (Standard Features)
- o eTextbook Content (Standard Features)
- Video & Resource Library Main Page (Standard Features)
- $\circ \quad \text{Study slide} \quad$
- $\circ \quad \text{Video Transcript}$
- Chapter 10: Conic sections Equation of circles
- o MyMathGuide with Integrated Review
- o Contents Page
- o Chapter 2 Graphs, Functions, and Linear Equations
- Student Activities
- \circ Mindset
- o Document Sharing
- Purchase Options
- Accessible Resources
- o Standard Features Assignments Main Page
- \circ $\,$ Chapter 8 Quiz Question 1 $\,$
- o Submit Quiz Pop-up
- $\circ \quad \text{Chapter 12 Homework: Question 1}$
- Chapter 12 Homework: Question 2
- Chapter 12 Homework: Question 3
- o Check Answer Pop-up
- o Results
- Study Plan Recommendations
- Study Plan Recommendations Question 1
- \circ $\:$ Study Plan Recommendations Question 2 $\:$
- Study Plan Recommendations Question 4
- Study Plan Progress
- Study Plan All Chapters
- \circ ~ eTextbook content Chapter 1: An Excel-lent approach to relationships

- o eTextbook content Chapter 1: An Excel-lent Approach to Relationships Integrated Review
- Corequisite Support
- o Guided Worksheets
- o StatCrunch
- Assignments Chapter 1 Quiz Question 2
- Assignments Chapter 8 Homework Question 1
- Assignments Chapter 8 Homework Question 3
- o Assignments Chapter 8 Homework Question 4
- Assignments Chapter 8 Homework Question 5
- $\circ \quad \mbox{Study Plan Recommendations Question 1}$
- $\circ~$ eTextbook content Chapter 1: The Art of Problem Solving
- o eTextbook content Chapter 2: Basics of Set Theory Venn Diagrams
- Assignments Chapter 5 Quiz Question 1
- o Assignments Chapter 5 Quiz Question 11
- Assignments Chapter 4 Homework Question 1
- Assignments Chapter 4 Homework Question 2
- Assignments Chapter 4 Homework Question 3
- Assignments Chapter 4 Homework Question 5
- o Study Plan Quiz Me Question 1
- Study Plan Quiz Me Question 2

• Videos:

- o Prime Factorizations Video
- o Chapter 1 Algebra & Problem Solving Objective 1: Translating to Algebraic Expressions
- Chapter 2: Ratios & Proportions Age
- \circ $\,$ Chapter 1: The Art of problem solving Numeracy in today's world

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)
Revised Section 508 standards published January 18, 2017 and corrected January 22, 2018	(Yes)
EN 301 549 Accessibility requirements for ICT products and services - V3.1.1 (2019- 11) AND EN 301 549 Accessibility requirements for ICT products and services - V3.2.1 (2021-03)	(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 be used only in WCAG 2.0 Level AAA.

WCAG 2.1 Report

Tables 1 and 2 also document conformance with:

- EN 301 549: Chapter 9 Web, Sections 10.1-10.4 of Chapter 10 Non-Web documents, and Sections 11.1-11.4 and 11.8.2 of Chapter 11 Non-Web Software (open and closed functionality), and Sections 12.1.2 and 12.2.4 of Chapter 12 Documentation
- 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 2.1 Success Criteria, they are scoped for full pages, complete processes, and accessibilitysupported ways of using technology as documented in the <u>WCAG 2.1 Conformance Requirements</u>.

Table 1: Success Criteria, Level A

Criteria	Conformance Level	Remarks and Explanations
1.1.1 Non-text Content (Level A) Also applies to: EN 301 549 Criteria 9.1.1.1 (Web) 10.1.1.1 (Non-web document) 11.1.1.1.1 (Open Functionality Software) 11.1.1.1.2 (Closed Functionality Software) 11.8.2 (Authoring Tool) 12.1.2 (Product Docs) 12.2.4 (Support Docs) Revised Section 508 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs)	Partially Supports	Many informative and functional images have accurate textual descriptions. Some informative and functional images such as "Shared with class - abcd", "Close" and so on either lack textual descriptions or do not have a meaningful textual description.
 1.2.1 Audio-only and Video-only (Prerecorded) (Level A) Also applies to: EN 301 549 Criteria 9.1.2.1 (Web) 10.1.2.1 (Non-web document) 11.1.2.1.1 (Open Functionality Software) 11.1.2.1.2.1 and 11.1.2.1.2.2 (Closed Software) 11.8.2 (Authoring Tool) 12.1.2 (Product Docs) 12.2.4 (Support Docs) Revised Section 508 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs) 	Not Applicable	Prerecorded audio-only and video-only content is not present.

Criteria	Conformance Level	Remarks and Explanations
 1.2.2 Captions (Prerecorded) (Level A) Also applies to: EN 301 549 Criteria 9.1.2.2 (Web) 10.1.2.2 (Non-web document) 11.1.2.2 (Open Functionality Software) 11.1.2.2 (Closed Software) 11.8.2 (Authoring Tool) 12.1.2 (Product Docs) 12.2.4 (Support Docs) Revised Section 508 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs) 	Supports	Synchronized caption is provided for the video.
 1.2.3 Audio Description or Media Alternative (Prerecorded) (Level A) Also applies to: EN 301 549 Criteria 9.1.2.3 (Web) 10.1.2.3 (Non-web document) 11.1.2.3.1 (Open Functionality Software) 11.1.2.3.2 (Closed Software) 11.8.2 (Authoring Tool) 12.1.2 (Product Docs) 12.2.4 (Support Docs) Revised Section 508 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs) 	Supports	Text transcript is provided for the video.

Criteria	Conformance Level	Remarks and Explanations
 1.3.1 Info and Relationships (Level A) Also applies to: EN 301 549 Criteria 9.1.3.1 (Web) 10.1.3.1 (Non-web document) 11.1.3.1.1 (Open Functionality Software) 11.1.3.1.2 (Closed Software) 11.8.2 (Authoring Tool) 12.1.2 (Product Docs) 12.2.4 (Support Docs) Revised Section 508 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs) 	Partially Supports	Most of the headings are defined accurately to represent the content's structure. Some headings are not defined to represent the content structure. Some relational items are not grouped using list mark-up to denote information and relationship. Tabular content is not structured programmatically to convey information and relationships.
 1.3.2 Meaningful Sequence (Level A) Also applies to: EN 301 549 Criteria 9.1.3.2 (Web) 10.1.3.2 (Non-web document) 11.1.3.2.1 (Open Functionality Software) 11.1.3.2.2 (Closed Software) 11.8.2 (Authoring Tool) 12.1.2 (Product Docs) 12.2.4 (Support Docs) Revised Section 508 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs) 	Partially Supports	Most of the information is present in a correct sequence through code to ensure that it can be accessed logically by assistive technologies such as screen readers except for some of the content and interactive elements.

Criteria	Conformance Level	Remarks and Explanations
 1.3.3 Sensory Characteristics (Level A) Also applies to: EN 301 549 Criteria 9.1.3.3 (Web) 10.1.3.3 (Non-web document) 11.1.3.3 (Open Functionality Software) 11.1.3.3 (Closed Software) 11.8.2 (Authoring Tool) 12.1.2 (Product Docs) 12.2.4 (Support Docs) Revised Section 508 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs) 	Supports	Important instructions to access the content are not presented using sensory characteristics, such as size, shape, sound, and so on.
 1.4.1 Use of Color (Level A) Also applies to: EN 301 549 Criteria 9.1.4.1 (Web) 10.1.4.1 (Non-web document) 11.1.4.1 (Open Functionality Software) 11.1.4.1 (Closed Software) 11.8.2 (Authoring Tool) 12.1.2 (Product Docs) 12.2.4 (Support Docs) Revised Section 508 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs) 	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) Also applies to: EN 301 549 Criteria 9.1.4.2 (Web) 10.1.4.2 (Non-web document) 11.1.4.2 (Open Functionality Software) 11.1.4.2 (Closed Software) 11.8.2 (Authoring Tool) 12.1.2 (Product Docs) 12.2.4 (Support Docs) Revised Section 508 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs) 	Not Applicable	Audio content that plays automatically is not present.
 2.1.1 Keyboard (Level A) Also applies to: EN 301 549 Criteria 9.2.1.1 (Web) 10.2.1.1 (Non-web document) 11.2.1.1.1 (Open Functionality Software) 11.2.1.1.2 (Closed Software) 11.8.2 (Authoring Tool) 12.1.2 (Product Docs) 12.2.4 (Support Docs) Revised Section 508 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs) 	Partially Supports	Most of the interactive elements are keyboard operable. Some buttons, tooltip, and scroll functionality cannot be operated with a keyboard.

Criteria	Conformance Level	Remarks and Explanations
 2.1.2 No Keyboard Trap (Level A) Also applies to: EN 301 549 Criteria 9.2.1.2 (Web) 10.2.1.2 (Non-web document) 11.2.1.2 (Open Functionality Software) 11.2.1.2 (Closed Software) 11.8.2 (Authoring Tool) 12.1.2 (Product Docs) 12.2.4 (Support Docs) Revised Section 508 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs) 	Supports	User's keyboard focus does not get trapped at any point while interacting with the functionality and can easily navigate between different interactive elements.
 Also applies to: EN 301 549 Criteria 9.2.1.4 (Web) 10.2.1.4 (Non-web document) 11.2.1.4.1 (Open Functionality Software) 11.2.1.4.2 (Closed Software) 11.8.2 (Authoring Tool) 12.1.2 (Product Docs) 12.2.4 (Support Docs) Revised Section 508 – Does not apply 	Not Applicable	Character key shortcuts are not defined for interactive elements.

Criteria	Conformance Level	Remarks and Explanations
 2.2.1 Timing Adjustable (Level A) Also applies to: EN 301 549 Criteria 9.2.2.1 (Web) 10.2.2.1 (Non-web document) 11.2.2.1 (Open Functionality Software) 11.2.2.1 (Closed Software) 11.8.2 (Authoring Tool) 12.1.2 (Product Docs) 12.2.4 (Support Docs) Revised Section 508 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs) 	Supports	A mechanism is provided for the users to extend the session.
 2.2.2 Pause, Stop, Hide (Level A) Also applies to: EN 301 549 Criteria 9.2.2.2 (Web) 10.2.2.2 (Non-web document) 11.2.2.2 (Open Functionality Software) 11.2.2.2 (Closed Software) 11.8.2 (Authoring Tool) 12.1.2 (Product Docs) 12.2.4 (Support Docs) Revised Section 508 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs) 	Not Applicable	Moving, blinking, and auto-updating content is not present.

Criteria	Conformance Level	Remarks and Explanations
 .3.1 Three Flashes or Below Threshold (Level A) Also applies to: EN 301 549 Criteria 9.2.3.1 (Web) 10.2.3.1 (Non-web document) 11.2.3.1 (Open Functionality Software) 11.2.3.1 (Closed Software) 11.8.2 (Authoring Tool) 12.1.2 (Product Docs) 12.2.4 (Support Docs) Revised Section 508 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs) 	Not Applicable	Flickering and flashing content is not present.
 4.1 Bypass Blocks (Level A) Also applies to: EN 301 549 Criteria 9.2.4.1 (Web) 10.2.4.1 (Non-web document) – Does not apply 11.2.4.1 (Open Functionality Software) – Does not apply 11.2.4.1 (Closed Software) – Does not apply 11.8.2 (Authoring Tool) 12.1.2 (Product Docs) 12.2.4 (Support Docs) Revised Section 508 501 (Web)(Software) – Does not apply to non-web software 504.2 (Authoring Tool) 602.3 (Support Docs) – Does not apply to non-web docs 	Supports	A mechanism is provided to help users bypass repetitive elements and quickly access the main content.

Criteria	Conformance Level	Remarks and Explanations
 2.4.2 Page Titled (Level A) Also applies to: EN 301 549 Criteria 9.2.4.2 (Web) 10.2.4.2 (Non-web document) 11.2.4.2 (Open Functionality Software) - Does not apply 11.2.4.2 (Closed Software) - Does not apply 11.8.2 (Authoring Tool) 12.1.2 (Product Docs) 12.2.4 (Support Docs) Revised Section 508 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs) 	Supports	Descriptive titles are specified for all the pages.
 2.4.3 Focus Order (Level A) Also applies to: EN 301 549 Criteria 9.2.4.3 (Web) 10.2.4.3 (Non-web document) 11.2.4.3 (Open Functionality Software) 11.2.4.3 (Closed Software) 11.8.2 (Authoring Tool) 12.1.2 (Product Docs) 12.2.4 (Support Docs) Revised Section 508 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs) 	Partially Supports	Keyboard users can navigate between different elements in a meaningful and sequential order. Few instances of focus moving inappropriately are found.

Criteria	Conformance Level	Remarks and Explanations
 2.4.4 Link Purpose (In Context) (Level A) Also applies to: EN 301 549 Criteria 9.2.4.4 (Web) 10.2.4.4 (Non-web document) 11.2.4.4 (Open Functionality Software) 11.2.4.4 (Closed Software 11.8.2 (Authoring Tool) 12.1.2 (Product Docs) 12.2.4 (Support Docs) Revised Section 508 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs) 	Supports	Links have unique and descriptive text that helps users understand their destination target.
 5.1 Pointer Gestures (Level A 2.1 only) Also applies to: EN 301 549 Criteria 9.2.5.1 (Web) 10.2.5.1 (Non-web document) 11.2.5.1 (Open Functionality Software) 11.2.5.1 (Closed Software) 11.8.2 (Authoring Tool) 12.1.2 (Product Docs) 12.2.4 (Support Docs) Revised Section 508 – Does not apply 	Not Applicable	Functionality dependent on multipoint or path- based gestures is not present.

Criteria	Conformance Level	Remarks and Explanations
 2.5.2 Pointer Cancellation (Level A 2.1 only) Also applies to: EN 301 549 Criteria 9.2.5.2 (Web) 10.2.5.2 (Non-web document) 11.2.5.2 (Open Functionality Software) 11.2.5.2 (Closed Software) 11.8.2 (Authoring Tool) 12.1.2 (Product Docs) 12.2.4 (Support Docs) Revised Section 508 – Does not apply 	Supports	Functionality of all the interactive elements is triggered on up-event.
 2.5.3 Label in Name (Level A 2.1 only) Also applies to: EN 301 549 Criteria 9.2.5.3 (Web) 10.2.5.3 (Non-web document) 11.2.5.3.1 (Open Functionality Software) 11.2.5.3.2 (Closed Software) 11.8.2 (Authoring Tool) 12.1.2 (Product Docs) 12.2.4 (Support Docs) Revised Section 508 – Does not apply 	Supports	Accessible names of user interface controls match with their visual labels.

Criteria	Conformance Level	Remarks and Explanations
 2.5.4 Motion Actuation (Level A 2.1 only) Also applies to: EN 301 549 Criteria 9.2.5.4 (Web) 10.2.5.4 (Non-web document) 11.2.5.4 (Open Functionality Software) 11.2.5.4 (Closed Software) 11.8.2 (Authoring Tool) 12.1.2 (Product Docs) 12.2.4 (Support Docs) Revised Section 508 – Does not apply 	Not Applicable	Functionality that requires device motion or user motion is not present.
 .1.1 Language of Page (Level A) Also applies to: EN 301 549 Criteria 9.3.1.1 (Web) 10.3.1.1 (Non-web document) 11.3.1.1.1 (Open Functionality Software) 11.3.1.1.2 (Closed Software) 11.8.2 (Authoring Tool) 12.1.2 (Product Docs) 12.2.4 (Support Docs) Revised Section 508 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs) 	Supports	Primary language is defined programmatically.

Criteria	Conformance Level	Remarks and Explanations
 3.2.1 On Focus (Level A) Also applies to: EN 301 549 Criteria 9.3.2.1 (Web) 10.3.2.1 (Non-web document) 11.3.2.1 (Open Functionality Software) 11.3.2.1 (Closed Software) 11.8.2 (Authoring Tool) 12.1.2 (Product Docs) 12.2.4 (Support Docs) Revised Section 508 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs) 	Supports	When any component receives focus, it does not initiate a change of context.
 3.2.2 On Input (Level A) Also applies to: EN 301 549 Criteria 9.3.2.2 (Web) 10.3.2.2 (Non-web document) 11.3.2.2 (Open Functionality Software) 11.3.2.2 (Closed Software) 11.8.2 (Authoring Tool) 12.1.2 (Product Docs) 12.2.4 (Support Docs) Revised Section 508 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs) 	Partially Supports	When user inputs any data it does not initiate a change of context except on the "MyMathGuide with Integrated Review" Page.

Criteria	Conformance Level	Remarks and Explanations
 3.3.1 Error Identification (Level A) Also applies to: EN 301 549 Criteria 9.3.3.1 (Web) 10.3.3.1 (Non-web document) 11.3.3.1.1 (Open Functionality Software) 11.3.3.1.2 (Closed Software) 11.8.2 (Authoring Tool) 12.1.2 (Product Docs) 12.2.4 (Support Docs) Revised Section 508 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs) 	Partially Supports	Most of the error messages are identified for screen reader users except for dynamically displayed error messages on activating the "Ask my instructor" button.
 3.3.2 Labels or Instructions (Level A) Also applies to: EN 301 549 Criteria 9.3.3.2 (Web) 10.3.3.2 (Non-web document) 11.3.3.2 (Open Functionality Software) 11.3.3.2 (Closed Software) 11.8.2 (Authoring Tool) 12.1.2 (Product Docs) 12.2.4 (Support Docs) Revised Section 508 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs) 	Supports	Labels are provided for the form controls.

Criteria	Conformance Level	Remarks and Explanations
 4.1.1 Parsing (Level A) Also applies to: EN 301 549 Criteria 9.4.1.1 (Web) 10.4.1.1 (Non-web document) 11.4.1.1.1 (Open Functionality Software) 11.4.1.1.2 (Closed Software) – Does not apply 11.8.2 (Authoring Tool) 12.1.2 (Product Docs) 12.2.4 (Support Docs) Revised Section 508 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs) 	Supports	All pages are well-formed as per HTML markup language specifications.
 4.1.2 Name, Role, Value (Level A) Also applies to: EN 301 549 Criteria 9.4.1.2 (Web) 10.4.1.2 (Non-web document) 11.4.1.2.1 (Open Functionality Software) 11.4.1.2.2 (Closed Software) – Does not apply 11.8.2 (Authoring Tool) 12.1.2 (Product Docs) 12.2.4 (Support Docs) Revised Section 508 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs) 	Partially Supports	Most of the custom controls have name, role and value defined programmatically. The role, state and properties are either not defined or defined inappropriately for some user interface controls. Dynamically updating content, tooltip content, input fields and tabs functionality are not programmatically defined with appropriate role, state or properties, thus making it inaccessible for screen reader users on some pages.

Table 2: Success Criteria, Level AA

Criteria	Conformance Level	Remarks and Explanations
1.2.4 Captions (Live)(Level AA)Also applies to:EN 301 549 Criteria9.1.2.4 (Web)10.1.2.4 (Non-web document)11.1.2.4 (Open Functionality Software)11.1.2.4 (Closed Software)11.8.2 (Authoring Tool)12.1.2 (Product Docs)12.2.4 (Support Docs)Revised Section 508501 (Web)(Software)504.2 (Authoring Tool)602.3 (Support Docs)	Not Applicable	Live multimedia content is not present.
 1.2.5 Audio Description (Prerecorded) (Level AA) Also applies to: EN 301 549 Criteria 9.1.2.5 (Web) 10.1.2.5 (Non-web document) 11.1.2.5 (Open Functionality Software) 11.1.2.5 (Closed Software) 11.8.2 (Authoring Tool) 12.1.2 (Product Docs) 12.2.4 (Support Docs) Revised Section 508 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs) 	Supports	Audio descriptions is provided for the video.

Criteria	Conformance Level	Remarks and Explanations
1.3.4 Orientation(Level AA 2.1 only)Also applies to:EN 301 549 Criteria9.1.3.4 (Web)10.1.3.4 (Non-web document)11.1.3.4 (Open Functionality Software)11.1.3.4 (Closed Software)11.8.2 (Authoring Tool)12.1.2 (Product Docs)12.2.4 (Support Docs)Revised Section 508 – Does not apply	Supports	All the pages support device orientation.
 1.3.5 Identify Input Purpose (Level AA 2.1 only) Also applies to: EN 301 549 Criteria 9.1.3.5 (Web) 10.1.3.5 (Non-web document) 11.1.3.5.1 (Open Functionality Software) 11.1.3.5.2 (Closed Software) 11.8.2 (Authoring Tool) 12.1.2 (Product Docs) 12.2.4 (Support Docs) Revised Section 508 – Does not apply 	Not Applicable	Form fields that collect information about users are not present.

Criteria	Conformance Level	Remarks and Explanations
 1.4.3 Contrast (Minimum) (Level AA) Also applies to: EN 301 549 Criteria 9.1.4.3 (Web) 10.1.4.3 (Non-web document) 11.1.4.3 (Open Functionality Software) 11.1.4.3 (Closed Software) 11.8.2 (Authoring Tool) 12.1.2 (Product Docs) 12.2.4 (Support Docs) Revised Section 508 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs) 	Partially Supports	Sufficient color contrast is used to display most of the textual information. However, color contrast for some textual content is insufficient.
<pre>1.4.4 Resize text (Level AA) Also applies to: EN 301 549 Criteria 9.1.4.4 (Web) 10.1.4.4 (Non-web document) 11.1.4.4.1 (Open Functionality Software) 11.1.4.4.2 (Closed Software) 11.8.2 (Authoring Tool) 12.1.2 (Product Docs) 12.2.4 (Support Docs) Revised Section 508 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs)</pre>	Partially Supports	Text can be resized up to 200 percent without loss of content or functionality on many pages. On some pages the content is not available with browser's zoom turned on.

Criteria	Conformance Level	Remarks and Explanations
 1.4.5 Images of Text (Level AA) Also applies to: EN 301 549 Criteria 9.1.4.5 (Web) 10.1.4.5 (Non-web document) 11.1.4.5.1 (Open Functionality Software) 11.1.4.5.2 (Closed Software) – Does not apply 11.8.2 (Authoring Tool) 12.1.2 (Product Docs) 12.2.4 (Support Docs) Revised Section 508 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs) 	Partially Supports	Plain text is used to present information rather than images of text except "MyLab Math" image.
 1.4.10 Reflow (Level AA 2.1 only) Also applies to: EN 301 549 Criteria 9.1.4.10 (Web) 10.1.4.10 (Non-web document) 11.1.4.10 (Open Functionality Software) 11.1.4.10 (Closed Software) 11.8.2 (Authoring Tool) 12.1.2 (Product Docs) 12.2.4 (Support Docs) Revised Section 508 – Does not apply 	Partially Supports	When content is reflowed, all the content and functionality are available for low vision users on many pages. However, some content and functionality fail to reflow on some pages.

Criteria	Conformance Level	Remarks and Explanations
 1.4.11 Non-text Contrast (Level AA 2.1 only) Also applies to: EN 301 549 Criteria 9.1.4.11 (Web) 10.1.4.11 (Non-web document) 11.1.4.11 (Open Functionality Software) 11.1.4.11 (Closed Software) 11.8.2 (Authoring Tool) 12.1.2 (Product Docs) 12.2.4 (Support Docs) Revised Section 508 – Does not apply 	Partially Supports	Sufficient color contrast is used to display many informative images, user interface controls, and their states (focus, hover, and default). Some instances of insufficient contrast ratio for user interface controls, and their states (focus) are found.
 1.4.12 Text Spacing (Level AA 2.1 only) Also applies to: EN 301 549 Criteria 9.1.4.12 (Web) 10.1.4.12 (Non-web document) 11.1.4.12 (Open Functionality Software) 11.1.4.12 (Closed Software) 11.8.2 (Authoring Tool) 12.1.2 (Product Docs) 12.2.4 (Support Docs) Revised Section 508 – Does not apply 	Partially Supports	On most pages, when text spacing styles are applied, users can access the content and functionality with ease. However, few instances of text getting overlapped and text get cut off was found.

Criteria	Conformance Level	Remarks and Explanations
 1.4.13 Content on Hover or Focus (Level AA 2.1 only) Also applies to: EN 301 549 Criteria 9.1.4.13 (Web) 10.1.4.13 (Non-web document) 11.1.4.13 (Open Functionality Software) 11.1.4.13 (Closed Software) 11.8.2 (Authoring Tool) 12.1.2 (Product Docs) 12.2.4 (Support Docs) Revised Section 508 – Does not apply 	Supports	Information displayed on hover is persistent, hoverable, and dismissible.
 2.4.5 Multiple Ways (Level AA) Also applies to: EN 301 549 Criteria 9.2.4.5 (Web) 10.2.4.5 (Non-web document) – Does not apply 11.2.4.5 (Open Functionality Software) – Does not apply 11.2.4.5 (Closed Software) – Does not apply 11.8.2 (Authoring Tool) 12.1.2 (Product Docs) 12.2.4 (Support Docs) Revised Section 508 501 (Web)(Software) – Does not apply to non-web software 504.2 (Authoring Tool) 602.3 (Support Docs) – Does not apply to non-web docs 	Supports	Multiple ways are available for users to locate the required content.

Criteria	Conformance Level	Remarks and Explanations
 2.4.6 Headings and Labels (Level AA) Also applies to: EN 301 549 Criteria 9.2.4.6 (Web) 10.2.4.6 (Non-web document) 11.2.4.6 (Open Functionality Software) 11.2.4.6 (Closed Software) 11.8.2 (Authoring Tool) 12.1.2 (Product Docs) 12.2.4 (Support Docs) Revised Section 508 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs) 	Partially Supports	All the form control labels and most of the heading text are unique and descriptive except heading text "Study slides" on the study slide page.
 2.4.7 Focus Visible (Level AA) Also applies to: EN 301 549 Criteria 9.2.4.7 (Web) 10.2.4.7 (Non-web document) 11.2.4.7 (Open Functionality Software) 11.2.4.7 (Closed Software) 11.8.2 (Authoring Tool) 12.1.2 (Product Docs) 12.2.4 (Support Docs) Revised Section 508 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs) 	Supports	On screen focus indicator is clearly visible for all the interactive elements.

Criteria	Conformance Level	Remarks and Explanations
 3.1.2 Language of Parts (Level AA) Also applies to: EN 301 549 Criteria 9.3.1.2 (Web) 10.3.1.2 (Non-web document) 11.3.1.2 (Open Functionality Software) – Does not apply 11.3.1.2 (Closed Software) – Does not apply 11.8.2 (Authoring Tool) 12.1.2 (Product Docs) 12.2.4 (Support Docs) Revised Section 508 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs) 	Not Applicable	Content in the secondary language is not present.
 Also applies to: EN 301 549 Criteria 9.3.2.3 (Web) 10.3.2.3 (Non-web document) – Does not apply 11.3.2.3 (Open Functionality Software) – Does not apply 11.3.2.3 (Closed Software) – Does not apply 11.8.2 (Authoring Tool) 12.1.2 (Product Docs) 12.2.4 (Support Docs) Revised Section 508 501 (Web)(Software) – Does not apply to non-web software 504.2 (Authoring Tool) 602.3 (Support Docs) – Does not apply to non-web docs 	Supports	A consistent navigation mechanism is used across the pages.

Criteria	Conformance Level	Remarks and Explanations
 3.2.4 Consistent Identification (Level AA) Also applies to: EN 301 549 Criteria 9.3.2.4 (Web) 10.3.2.4 (Non-web document) – Does not apply 11.3.2.4 (Open Functionality Software) – Does not apply 11.3.2.4 (Closed Software) – Does not apply 11.8.2 (Authoring Tool) 12.1.2 (Product Docs) 12.2.4 (Support Docs) Revised Section 508 501 (Web)(Software) – Does not apply to non-web software 504.2 (Authoring Tool) 602.3 (Support Docs) – Does not apply to non-web docs 	Supports	Elements with identical functionality are identified consistently.
 3.3.3 Error Suggestion (Level AA) Also applies to: EN 301 549 Criteria 9.3.3.3 (Web) 10.3.3.3 (Non-web document) 11.3.3.3 (Open Functionality Software) 11.3.3.3 (Closed Software) 11.8.2 (Authoring Tool) 12.1.2 (Product Docs) 12.2.4 (Support Docs) Revised Section 508 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs) 	Not Applicable	Form fields that require error suggestions are not present.

Criteria	Conformance Level	Remarks and Explanations
 3.3.4 Error Prevention (Legal, Financial, Data) (Level AA) Also applies to: EN 301 549 Criteria 9.3.3.4 (Web) 10.3.3.4 (Non-web document) 11.3.3.4 (Open Functionality Software) 11.3.3.4 (Closed Software) 11.8.2 (Authoring Tool) 12.1.2 (Product Docs) 12.2.4 (Support Docs) Revised Section 508 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs) 	Not Applicable	Forms having legal commitments, financial transactions, and user-controllable data are not present.
 Also applies to: EN 301 549 Criteria 9.4.1.3 (Web) 10.4.1.3 (Non-web document) 11.4.1.3 (Open Functionality Software) 11.4.1.3 (Closed Software) – Does not apply 11.8.2 (Authoring Tool) 12.1.2 (Product Docs) 12.2.4 (Support Docs) Revised Section 508 – Does not apply 	Partially Supports	Most of the error messages are identified for screer reader users except for dynamically displayed error messages on activating the "Ask my instructor" button.

Table 3: Success Criteria, Level AAA

Notes: Not Evaluated.

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Chapter 3: <u>Functional Performance Criteria</u> (FPC)

Criteria	Conformance Level	Remarks and Explanations
302.1 Without Vision	Partially Supports	MyLab Developmental Math allows people without vision to use screen readers to interact with user interface elements. Some components misidentify component name, role, and state as disclosed in Table 1: 1.1.1, 1.3.1, 1.3.2, 2.1.1, 2.4.3, 2.4.4, 3.3.1, 4.1.2 and Table 2: 2.4.6
302.2 With Limited Vision	Partially Supports	MyLab Developmental Math allows people with limited vision to access most of the interface elements. Some challenges may occur while accessing the product as disclosed in Table 1: 2.1.1, 2.4.3 and Table 2: 1.4.3, 1.4.4
302.3 Without Perception of Color	Partially Supports	MyLab Developmental Math allows people without perception of color to access most of the content and functionality. A few challenges of insufficient color contrast are found as disclosed in Table 2: 1.4.3
302.4 Without Hearing	Supports	MyLab Developmental Math allows people without hearing to access content and functionality.
302.5 With Limited Hearing	Supports	MyLab Developmental Math allows people with limited hearing to access content and functionality
302.6 Without Speech	Supports	MyLab Developmental Math allows people with no or limited vocal capabilities to access the product as controls do not require speech input.
302.7 With Limited Manipulation	Partially Supports	MyLab Developmental Math can be operated by people with limited manipulation or strength. A few challenges may occur while accessing the product as disclosed in Table 1: 2.1.1, 2.4.3.
302.8 With Limited Reach and Strength	Partially Supports	MyLab Developmental Math can be operated by people with limited reach. A few challenges may occur while accessing the product as disclosed in Table 1: 2.1.1, 2.4.3.
302.9 With Limited Language, Cognitive, and Learning Abilities	Partially Supports	MyLab Developmental Math allows people to operate user interface with limited language, cognitive, and learning abilities. A few challenges may occur while accessing the product as disclosed Table 1: 3.2.2.

Chapter 4: <u>Hardware</u>

Notes: MyLab Developmental Math. is not a hardware and thus, all the requirements of this section are not applicable.

Chapter 5: Software

Notes: MyLab Developmental Math. is not software and thus, all the requirements of this section are not applicable.

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

Notes: Support documentation and services of MyLab Developmental Math are not a part of the accessibility review.

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	Not Applicable	Accessibility and compatibility features are not a part of the accessibility review.
602.3 Electronic Support Documentation	Not Applicable	Electronic support documentation is not part of the accessibility review.
602.4 Alternate Formats for Non- Electronic Support Documentation	Not Applicable	Alternate formats for Non-Electronic Support Documentation are not part of the accessibility review.
603 Support Services	Heading cell – no response required	Heading cell – no response required
603.2 Information on Accessibility and Compatibility Features	Not Applicable	Information on accessibility and compatibility features is not part of the accessibility review.
603.3 Accommodation of Communication Needs	Not Applicable	Accommodation of communication needs is not part of the accessibility review

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Chapter 4: <u>Functional Performance Statements</u> (FPS)

Criteria	Conformance Level	Remarks and Explanations	
4.2.1 Usage without vision	Partially Supports	MyLab Developmental Math allows people without vision to use screen readers to interact with user interface elements. Some components misidentify component name, role, and state as disclosed in Table 1: 1.1.1, 1.3.1, 1.3.2, 2.1.1, 2.4.3, 2.4.4, 3.3.1, 4.1.2 and Table 2: 2.4.6, 4.1.3	
4.2.2 Usage with limited vision	Partially Supports	MyLab Developmental Math allows people with limited vision to access most of the interface elements. Some challenges may occur while accessing the product as disclosed in Table 1: 2.1.1, 2.4.3 and Table 2: 1.4.3, 1.4.4, 1.4.10, 1.4.11, 1.4.12.	
4.2.3 Usage without perception of colour	Partially Supports	MyLab Developmental Math allows people without perception of color to access most of the content and functionality. A few challenges of insufficient color contrast are found as disclosed in Table 2: 1.4.3, 1.4.11.	
4.2.4 Usage without hearing	Supports	MyLab Developmental Math allows people without hearing to access content and functionality.	
4.2.5 Usage with limited hearing	Supports	MyLab Developmental Math allows people with limited hearing to access content and functionality	
4.2.6 Usage with no or limited vocal capability	Supports	MyLab Developmental Math allows people with no or limited vocal capabilities to access the product as controls do not require speech input.	
4.2.7 Usage with limited manipulation or strength	Partially Supports	MyLab Developmental Math can be operated by people with limited manipulation or strength. A few challenges may occur while accessing the product as disclosed in Table 1: 2.1.1, 2.4.3.	
4.2.8 Usage with limited reach	Partially Supports	MyLab Developmental Math can be operated by people with limited reach. A few challenges may occur while accessing the product as disclosed in Table 1: 2.1.1, 2.4.3.	
4.2.9 Minimize photosensitive seizure triggers	Not Applicable	MyLab Developmental Math does not include any content that triggers photosensitive seizures.	

Criteria	Conformance Level	Remarks and Explanations
4.2.10 Usage with limited cognition, language or learning	Partially Supports	MyLab Developmental Math allows people to operate user interface with limited language, cognitive, and learning abilities. A few challenges may occur while accessing the product as disclosed in Table 1: 3.2.2 and Table 2: 1.4.12.
4.2.11 Privacy	Supports	MyLab Developmental Math respects the privacy of assistive technology users.

Chapter <u>5: Generic Requirements</u>

Notes: MyLab Developmental Math supports standard assistive technologies and is, therefore, not subject to the closed functionality.

Criteria	Conformance Level	Remarks and Explanations
5.1 Closed functionality	Heading cell – no response required	Heading cell – no response required
5.1.2 General	Heading cell – no response required	Heading cell – no response required
5.1.2.1 Closed functionality	See 5.2 through 13	See information in 5.2 through 13
5.1.2.2 Assistive technology	See 5.1.3 through 5.1.6	See information in 5.1.3 through 5.1.6
5.1.3 Non-visual access	Heading cell – no response required	Heading cell – no response required
5.1.3.1 Audio output of visual information	Not Applicable	MyLab Developmental Math supports standard assistive technologies and is therefore not subject to closed functionality.
5.1.3.2 Auditory output delivery including speech	Not Applicable	MyLab Developmental Math supports standard assistive technologies and is therefore not subject to closed functionality.
5.1.3.3 Auditory output correlation	Not Applicable	MyLab Developmental Math supports standard assistive technologies and is therefore not subject to closed functionality.
5.1.3.4 Speech output user control	Not Applicable	MyLab Developmental Math supports standard assistive technologies and is therefore not subject to closed functionality.
5.1.3.5 Speech output automatic interruption	Not Applicable	MyLab Developmental Math supports standard assistive technologies and is therefore not subject to closed functionality.
5.1.3.6 Speech output for non-text content	Not Applicable	MyLab Developmental Math supports standard assistive technologies and is therefore not subject to closed functionality.
5.1.3.7 Speech output for video information	Not Applicable	MyLab Developmental Math supports standard assistive technologies and is therefore not subject to closed functionality.
5.1.3.8 Masked entry	Not Applicable	MyLab Developmental Math supports standard assistive technologies and is therefore not subject to closed functionality.

Criteria	Conformance Level	Remarks and Explanations
5.1.3.9 Private access to personal data	Not Applicable	MyLab Developmental Math supports standard assistive technologies and is therefore not subject to closed functionality.
5.1.3.10 Non-interfering audio output	Not Applicable	MyLab Developmental Math supports standard assistive technologies and is therefore not subject to closed functionality.
5.1.3.11 Private listening volume	Not Applicable	MyLab Developmental Math supports standard assistive technologies and is therefore not subject to closed functionality.
5.1.3.12 Speaker volume	Not Applicable	MyLab Developmental Math supports standard assistive technologies and is therefore not subject to closed functionality.
5.1.3.13 Volume reset	Not Applicable	MyLab Developmental Math supports standard assistive technologies and is therefore not subject to closed functionality.
5.1.3.14 Spoken languages	Not Applicable	MyLab Developmental Math supports standard assistive technologies and is therefore not subject to closed functionality.
5.1.3.15 Non-visual error identification	Not Applicable	MyLab Developmental Math supports standard assistive technologies and is therefore not subject to closed functionality.
5.1.3.16 Receipts, tickets, and transactional outputs	Not Applicable	MyLab Developmental Math supports standard assistive technologies and is therefore not subject to closed functionality.
5.1.4 Functionality closed to text enlargement	Not Applicable	MyLab Developmental Math supports standard assistive technologies and is therefore not subject to closed functionality.
5.1.5 Visual output for auditory information	Not Applicable	MyLab Developmental Math supports standard assistive technologies and is therefore not subject to closed functionality.
5.1.6 Operation without keyboard interface	Heading cell – no response required	Heading cell – no response required
5.1.6.1 Closed functionality	See 5.1.3.1 through 5.1.3.16	See information in 5.1.3.1 through 5.1.3.16
5.1.6.2 Input focus	Not Applicable	MyLab Developmental Math supports standard assistive technologies and is therefore not subject to closed functionality.

Criteria	Conformance Level	Remarks and Explanations
5.1.7 Access without speech	Not Applicable	MyLab Developmental Math supports standard assistive technologies and is therefore not subject to closed functionality.
5.2 Activation of accessibility features	Not Applicable	MyLab Developmental Math supports standard assistive technologies and is therefore not subject to closed functionality.
5.3 Biometrics	Not Applicable	MyLab Developmental Math supports standard assistive technologies and is therefore not subject to closed functionality.
5.4 Preservation of accessibility information during conversion	Not Applicable	MyLab Developmental Math supports standard assistive technologies and is therefore not subject to closed functionality.
5.5 Operable parts	Heading cell – no response required	Heading cell – no response required
5.5.1 Means of operation	Not Applicable	MyLab Developmental Math supports standard assistive technologies and is therefore not subject to closed functionality.
5.5.2 Operable parts discernibility	Not Applicable	MyLab Developmental Math supports standard assistive technologies and is therefore not subject to closed functionality.
5.6 Locking or toggle controls	Heading cell – no response required	Heading cell – no response required
5.6.1 Tactile or auditory status	Not Applicable	MyLab Developmental Math supports standard assistive technologies and is therefore not subject to closed functionality.
5.6.2 Visual status	Not Applicable	MyLab Developmental Math supports standard assistive technologies and is therefore not subject to closed functionality.
5.7 Key repeat	Not Applicable	MyLab Developmental Math supports standard assistive technologies and is therefore not subject to closed functionality.
5.8 Double-strike key acceptance	Not Applicable	MyLab Developmental Math supports standard assistive technologies and is therefore not subject to closed functionality.
5.9 Simultaneous user actions	Not Applicable	MyLab Developmental Math supports standard assistive technologies and is therefore not subject to closed functionality.

Chapter 6: ICT with Two-Way Voice Communication

Notes: MyLab Developmental Math is not an ICT with Two-Way Voice Communication and thus, all the requirements of this section are not applicable.

Chapter 7: ICT with Video Capabilities

Notes: MyLab Developmental Math is not an ICT with Video Capabilities and thus, all the requirements of this section are not applicable.

Chapter <u>8: Hardware</u>

Notes: MyLab Developmental Math is not a hardware and thus, all the requirements of this section are not applicable.

Chapter <u>9: Web</u> (see <u>WCAG 2.1 section</u>)

Notes : Refer to the previously identified remarks and details for WCAG 2.1 already provided in this VPAT.

Chapter 10: Non-Web Documents

Notes : MyLab Developmental Math is not a non-web documents and thus, all the requirements of this section are not applicable.

Chapter 11: Software

Notes: MyLab Developmental Math is not software and thus, all the requirements of this section are not applicable.

Chapter 12: Documentation and Support Services

Notes: Documentation and support services of MyLab Developmental Math are not a part of the accessibility review.

Criteria	Conformance Level	Remarks and Explanations
12.1 Product documentation	Heading cell – no response required	Heading cell – no response required
12.1.1 Accessibility and compatibility features	Not Applicable	Accessibility and compatibility features are not part of the accessibility review.
12.1.2 Accessible documentation	Not Applicable	Accessible documentation is not part of the accessibility review.
12.2 Support Services	Heading cell – no response required	Heading cell – no response required
12.2.2 Information on accessibility and compatibility features	Not Applicable	Information on accessibility and compatibility features is not part of the accessibility review.
12.2.3 Effective communication	Not Applicable	Effective communication is not part of the accessibility review.
12.2.4 Accessible documentation	Not Applicable	Accessible documentation is not part of the accessibility review.

Chapter 13: ICT Providing Relay or Emergency Service Access

Notes: MyLab Developmental Math is not an ICT providing relay or emergency services and thus, all the requirements of this section are not applicable.

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