

ExploreLearning Accessibility Conformance Report

WCAG Edition

(Based on VPAT® Version 2.4Rev)

Name of Product/Version: Science4Us Student Application

Report Date: September 2023

Product Description: Science4Us is K-2nd grade, interactive science solution. Science4Us contains 28 instructional modules that align with the 5E Model of Engage, Explore, Explain, Elaborate and Evaluate. With Science4Us, students engage in standards-based, cross curricular learning that builds important foundational science knowledge.

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Notes:

Evaluation Methods Used: Testing is based on internal review.

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 / No) Level AA (☐ Yes / No) Level AAA (☐ Yes / No)
Web Content Accessibility Guidelines 2.1	Level A (☐ Yes / No) Level AA (☐ Yes / No) Level AAA (☐ Yes / No)

Terms

The terms used in the Conformance Level information are defined as follows:

- **Supports:** The functionality of the product has at least one method that meets the criterion without known defects or meets with equivalent facilitation.
- **Partially Supports:** Some functionality of the product does not meet the criterion.
- **Does Not Support:** The majority of product functionality does not meet the criterion.
- **Not Applicable:** The criterion is not relevant to the product.
- **Not Evaluated:** The product has not been evaluated against the criterion. This can be used only in WCAG 2.0 Level AAA.

WCAG 2.1 Report

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

Notes:

Criteria	Conformance Level	Remarks and Explanations
1.1.1 Non-text Content (Level A)	Partially Supports	Science4Us lesson and game content is designed for pre to emerging readers, therefore, much of the content is delivered through images. The text that is included is read aloud for students in most scenarios. The non-text content in the Evaluation is available in a text-only multiple choice version.
1.2.1 Audio-only and Video-only (Prerecorded) (Level A)	Partially Supports	Printable text is available for all song, stories and poems [Elaborate Literacy Arts].
1.2.2 Captions (Prerecorded) (Level A)	Does Not Support	
1.2.3 Audio Description or Media Alternative (Prerecorded) (Level A)	Does Not Support	
1.3.1 Info and Relationships (Level A)	Partially Supports	Some of the Science4Us lesson and game content can be programmatically determined. Some Explore and Elaborate games may not be programmatically determined.
1.3.2 Meaningful Sequence (Level A)	Supports	The individual lessons and games are linear in nature.
1.3.3 Sensory Characteristics (Level A)	Partially Supports	Many games do have instructional questions that rely on shape and orientation for navigation.
1.4.1 Use of Color (Level A)	Supports	Science4Us games do not rely on the use of color to navigate games.
1.4.2 Audio Control (Level A)	Partially Supports	Audio controls to play, pause and rewind content are available in the Science4Us Explain lessons. Audio directions can be repeated in games using the 'ear icon.'
2.1.1 Keyboard (Level A)	Partially Supports	Keyboard input is available in various Science4Us games [e.g. Notebook, and many Elaborate lessons]. Other games do require mouse input.
2.1.2 No Keyboard Trap (Level A)	Does Not Support	
2.1.4 Character Key Shortcuts (Level A 2.1 only)	Not Applicable	Shortcuts are not used.
2.2.1 Timing Adjustable (Level A)	Not Applicable	Timing is not implemented in Science4Us.

Criteria	Conformance Level	Remarks and Explanations
2.2.2 Pause, Stop, Hide (Level A)	Partially Supports	A subset of Science4Us lessons [e.g. Student] can be paused and started using easy to identify navigation tools embedded in the game.
2.3.1 Three Flashes or Below Threshold (Level A)	Supports	Repeated flashes are not used.
2.4.1 Bypass Blocks (Level A)	Supports	Optional 'Skip' buttons have been added to games to allow students to bypass game introductions and Notebook prompts.
2.4.2 Page Titled (Level A)	Partially Supports	Student login pages have page titles. Not applicable to most of the student app.
2.4.3 Focus Order (Level A)	Does Not Support	
2.4.4 Link Purpose (In Context) (Level A)	Not Applicable	Links are not provided in the student app.
2.5.1 Pointer Gestures (Level A 2.1 only)	Supports	All path-based gestures can be operated with a single pointer.
2.5.2 Pointer Cancellation (Level A 2.1 only)	Supports	Number input options emulate keyboard actions, which are essential down events.
2.5.3 Label in Name (Level A 2.1 only)	Partially Supports	Alt text is present to support student navigation of online content.
2.5.4 Motion Actuation (Level A 2.1 only)	Not Applicable	Sensor inputs are not used.
3.1.1 Language of Page (Level A)	Supports	Science4Us is only available in English.
3.2.1 On Focus (Level A)	Supports	Focus events do not initiate a change of context.
3.2.2 On Input (Level A)	Supports	Input components that navigate to new content are described.
3.3.1 Error Identification (Level A)	Supports	Students are supported throughout all Science4Us activities. When specific inputs are required, students will be guided. If the input is incorrect, student will receive helpful feedback.
3.3.2 Labels or Instructions (Level A)	Partially Supports	Students are supported throughout all Science4Us activities. The majority of activities are inclusive of labels and instructions, however, there are activities where students are interacting with animated content and written instructions may not be provided.

Criteria	Conformance Level	Remarks and Explanations
4.1.1 Parsing (Level A)	Supports	
4.1.2 Name, Role, Value (Level A)	Supports	

Table 2: Success Criteria, Level AA

Notes:

Criteria	Conformance Level	Remarks and Explanations
1.2.4 Captions (Live) (Level AA)	Not Applicable	Live audio is not provided.
1.2.5 Audio Description (Prerecorded) (Level AA)	Does Not Support	Closed captioning is not available in Science4Us online activities and video content.
1.3.4 Orientation (Level AA 2.1 only)	Supports	Science4Us doesn't restrict the page orientation for online activities. Students are able to expand all games to full-screen format.
1.3.5 Identify Input Purpose (Level AA 2.1 only)	Not Applicable	Student app does not use a form input collecting information about the user.
1.4.3 Contrast (Minimum) (Level AA)	Supports	The lesson and game text meet the minimum contrast ratio of 4:5:1.
1.4.4 Resize text (Level AA)	Does Not Support	
1.4.5 Images of Text (Level AA)	Partially Supports	Most Science4Us lesson and game content is conveyed as text. However, some videos include embedded text captions.
1.4.10 Reflow (Level AA 2.1 only)	Supports	Lesson and game content can be presented without loss of information or functionality, and without requiring scrolling in two dimensions.
1.4.11 Non-text Contrast (Level AA 2.1 only)	Supports	The visual presentation of both the user interface components and graphical objects meet the requirement of the 3:1 contrast ratio.
1.4.12 Text Spacing (Level AA 2.1 only)	Partially Supports	Most text formatting can be controlled. However, some videos include embedded text captions.
1.4.13 Content on Hover or Focus (Level AA 2.1 only)	Does Not Support	

Criteria	Conformance Level	Remarks and Explanations
2.4.5 Multiple Ways (Level AA)	Not Applicable	Science4Us app uses a single page structure with embedded resources.
2.4.6 Headings and Labels (Level AA)	Partially Supports	Labels are text descriptive within the app and games. Headings are not used.
2.4.7 Focus Visible (Level AA)	Supports	
3.1.2 Language of Parts (Level AA)	Does Not Support	
3.2.3 Consistent Navigation (Level AA)	Supports	
3.2.4 Consistent Identification (Level AA)	Supports	
3.3.3 Error Suggestion (Level AA)	Supports	
3.3.4 Error Prevention (Legal, Financial, Data) (Level AA)	Not Applicable	The student app does not cause legal commitments or financial transactions for the user occur, that modify or delete user controllable data in data storage systems, or that submit user test responses.
4.1.3 Status Messages (Level AA 2.1 only)	Does Not Support	

Table 3: Success Criteria, Level AAA

Notes:

Criteria	Conformance Level	Remarks and Explanations
1.2.6 Sign Language (Prerecorded) (Level AAA)	Does Not Support	
1.2.7 Extended Audio Description (Prerecorded) (Level AAA)	Does Not Support	
1.2.8 Media Alternative (Prerecorded) (Level AAA)	Does Not Support	
1.2.9 Audio-only (Live) (Level AAA)	Not Applicable	Live audio is not provided.
1.3.6 Identify Purpose (Level AAA 2.1 only)	Does Not Support	
1.4.6 Contrast (Enhanced) (Level AAA)	Does Not Support	
1.4.7 Low or No Background Audio (Level AAA)	Partially Supports	For prerecorded audio-only content, most background sound is 20dB lower than the foreground speech content.
1.4.8 Visual Presentation (Level AAA)	Does Not Support	

Criteria	Conformance Level	Remarks and Explanations
1.4.9 Images of Text (No Exception) (Level AAA)	Does Not Support	
2.1.3 Keyboard (No Exception) (Level AAA)	Does Not Support	
2.2.3 No Timing (Level AAA)	Supports	Timing is not an essential part of the Science4Us lessons and games.
2.2.4 Interruptions (Level AAA)	Not Applicable	
2.2.5 Re-authenticating (Level AAA)	Supports	Science4Us automatically records student progress.
2.2.6 Timeouts (Level AAA 2.1 only)	Supports	Science4Us automatically records student progress.
2.3.2 Three Flashes (Level AAA)	Supports	Repeated flashes are not used.
2.3.3 Animation from Interactions (Level AAA 2.1 only)	Does Not Support	
2.4.8 Location (Level AAA)	Supports	The student dashboard provides location and context information to students.
2.4.9 Link Purpose (Link Only) (Level AAA)	Not Applicable	The Science4Us student app doesn't provide links.
2.4.10 Section Headings (Level AAA)	Supports	All Science4Us lessons have clear titles and headings. On the student dashboard, assignments cards are also labeled with headers.
2.5.5 Target Size (Level AAA 2.1 only)	Supports	The target for pointer inputs is at least 44 by 44 CSS pixels.
2.5.6 Concurrent Input Mechanisms (Level AAA 2.1 only)	Does Not Support	
3.1.3 Unusual Words (Level AAA)	Supports	A glossary is provided with definitions of instructional terminology.
3.1.4 Abbreviations (Level AAA)	Not Applicable	
3.1.5 Reading Level (Level AAA)	Supports	Science4Us online activities are read aloud for students.
3.1.6 Pronunciation (Level AAA)	Does Not Support	
3.2.5 Change on Request (Level AAA)	Supports	
3.3.5 Help (Level AAA)	Supports	
3.3.6 Error Prevention (All) (Level AAA)	Supports	Student responses are reported to their teacher via Reports, and Teachers have the discretion to reassign a lesson or game to a student to complete again, if needed. There are no limits to the number of times a student can complete a lesson or game.

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