ISRG Accessibility Conformance Report: STEMLink

WCAG Edition (Based on VPAT® Version 2.5)

Name of Product/Version: STEMLink
Report Date: January 2025

Product Description: STEMLink connects you with thousands of high-quality authoritative applied STEM educational materials right in the Learning Management System on your campus. Developed as part of the National Science Foundation's Advanced Technological Education initiative, these resources include modules, videos, demonstrations, assessments, and more, created by STEM educators and content experts primarily based at two-year institutions across the US, and all available for use in your courses and classrooms at no cost to you or your institution.

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Evaluation Methods Used: STEMLink was evaluated for this report by Rachel M. Perry, an Internet Scout Research Group team member familiar with accessibility standards and testing, as well as being familiar with, but not involved in the creation of, the product. Testing was performed using the Moodle and Canvas learning management systems, in the Chrome, Safari, and Firefox browsers. Testing was conducted using a keyboard and mouse, keyboard only, the Speechify screen reader, and the Virtual Magnifying Glass screen magnifier.
Notes: This report covers the STEMLink software and service itself, not the resources made available thereby. STEMLink was created by the Internet Scout Research Group, while the educational resources that the product enables users to access are created by other National Science Foundation-supported ATE projects and centers.

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 (Yes)
Web Content Accessibility Guidelines 2.1	Level A (Yes) Level AA (Yes) Level AAA (Yes)
Web Content Accessibility Guidelines 2.2	Level A (Yes) Level AA (Yes) Level AAA (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.x 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

Criteria	Conformance Level	Remarks and Explanations
[1.1.1 Non-text Content](#) (Level A)	Supports	
[1.2.1 Audio-only and Video-only (Prerecorded)](#) (Level A)	Not Applicable	ISRG does not produce the prerecorded audio and video content available via STEMLink. STEMLink itself does not contain any audio or video content.
[1.2.2 Captions (Prerecorded)](#) (Level A)	Not Applicable	ISRG does not produce the prerecorded audio and video content available via STEMLink. STEMLink itself does not contain any audio or video content that would require captions.
[1.2.3 Audio Description or Media Alternative (Prerecorded)](#) (Level A)	Not Applicable	ISRG does not produce the prerecorded audio and video content available via STEMLink. STEMLink itself does not contain any audio or video content that would require description or media alternative.
[1.3.1 Info and Relationships](#) (Level A)	Supports	
[1.3.2 Meaningful Sequence](#) (Level A)	Supports	
[1.3.3 Sensory Characteristics](#) (Level A)	Supports	
[1.4.1 Use of Color](#) (Level A)	Supports	
[1.4.2 Audio Control](#) (Level A)	Not Applicable	STEMLink itself does not play audio.
[2.1.1 Keyboard](#) (Level A)	Supports	
[2.1.2 No Keyboard Trap](#) (Level A)	Supports	
[2.1.4 Character Key Shortcuts](#) (Level A 2.1 and 2.2)	Supports	
[2.2.1 Timing Adjustable](#) (Level A)	Not Applicable	STEMLink itself does not contain timed content.
[2.2.2 Pause, Stop, Hide](#) (Level A)	Not Applicable	STEMLink itself does not contain blinking, scrolling, moving, or auto-updating content.
[2.3.1 Three Flashes or Below Threshold](#) (Level A)	Not Applicable	STEMLink itself does not contain any flashing content.
[2.4.1 Bypass Blocks](#) (Level A)	Supports	
[2.4.2 Page Titled](#) (Level A)	Supports	
[2.4.3 Focus Order](#) (Level A)	Supports	

Criteria	Conformance Level	Remarks and Explanations
2.4.4 Link Purpose (In Context) (Level A)	Supports	
2.5.1 Pointer Gestures (Level A 2.1 and 2.2)	Not Applicable	STEMLink itself does not use multipoint or path-based gestures.
2.5.2 Pointer Cancellation (Level A 2.1 and 2.2)	Not Applicable	STEMLink itself does not use multipoint or path-based gestures.
2.5.3 Label in Name (Level A 2.1 and 2.2)	Supports	
2.5.4 Motion Actuation (Level A 2.1 and 2.2)	Not Applicable	STEMLink itself does not require motion to control page content.
3.1.1 Language of Page (Level A)	Supports	
3.2.1 On Focus (Level A)	Supports	
3.2.2 On Input (Level A)	Supports	
3.2.6 Consistent Help (Level A 2.2 only)	Does Not Support	STEMLink does not include any information for contacting ISRG.
3.3.1 Error Identification (Level A)	Supports	
3.3.2 Labels or Instructions (Level A)	Supports	
3.3.7 Redundant Entry (Level A 2.2 only)	Not Applicable	STEMLink itself does not require users to enter information repeatedly in the same process.

4.1.1 Parsing (Level A)
    WCAG 2.0 and 2.1 – Always answer 'Supports'
    WCAG 2.2 (obsolete and removed) - Does not apply
	Supports	For WCAG 2.0 and 2.1, 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)	Supports	

Table 2: Success Criteria, Level AA

Criteria	Conformance Level	Remarks and Explanations
[1.2.4 Captions (Live)](#) (Level AA)	Not Applicable	STEMLink does not host live audio content.
[1.2.5 Audio Description (Prerecorded)](#) (Level AA)	Not Applicable	STEMLink itself does not feature video content requiring audio description.
[1.3.4 Orientation](#) (Level AA 2.1 and 2.2)	Supports	
[1.3.5 Identify Input Purpose](#) (Level AA 2.1 and 2.2)	Supports	
[1.4.3 Contrast (Minimum)](#) (Level AA)	Supports	
[1.4.4 Resize text](#) (Level AA)	Supports	
[1.4.5 Images of Text](#) (Level AA)	Supports	
[1.4.10 Reflow](#) (Level AA 2.1 and 2.2)	Supports	
[1.4.11 Non-text Contrast](#) (Level AA 2.1 and 2.2)	Supports	
[1.4.12 Text Spacing](#) (Level AA 2.1 and 2.2)	Supports	
[1.4.13 Content on Hover or Focus](#) (Level AA 2.1 and 2.2)	Supports	
[2.4.5 Multiple Ways](#) (Level AA)	Supports	
[2.4.6 Headings and Labels](#) (Level AA)	Supports	
[2.4.7 Focus Visible](#) (Level AA)	Supports	
[2.4.11 Focus Not Obscured (Minimum)](#) (Level AA 2.2 only)	Supports	
[2.5.7 Dragging Movements](#) (Level AA 2.2 only)	Not Applicable	STEMLink itself does not have content that uses dragging movement for operation.
[2.5.8 Target Size (Minimum)](#) (Level AA 2.2 only)	Supports	
[3.1.2 Language of Parts](#) (Level AA)	Supports	
[3.2.3 Consistent Navigation](#) (Level AA)	Supports	
[3.2.4 Consistent Identification](#) (Level AA)	Supports	
[3.3.3 Error Suggestion](#) (Level AA)	Supports	
[3.3.4 Error Prevention (Legal, Financial, Data)](#) (Level AA)	Supports	STEMLink does not cause legal commitments or financial transactions to occur. STEMLink does allow for confirmation of user selections before sending them to the user's LMS.
[3.3.8 Accessible Authentication (Minimum)](#) (Level AA 2.2 only)	Supports	
[4.1.3 Status Messages](#) (Level AA 2.1 and 2.2)	Supports	

Table 3: Success Criteria, Level AAA

Criteria	Conformance Level	Remarks and Explanations
[1.2.6 Sign Language (Prerecorded)](#) (Level AAA)	Not Applicable	STEMLink itself does not contain any audio that would require sign language interpretation.
[1.2.7 Extended Audio Description (Prerecorded)](#) (Level AAA)	Not Applicable	STEMLink itself does not contain any audio that would require extended audio description.
[1.2.8 Media Alternative (Prerecorded)](#) (Level AAA)	Not Applicable	STEMLink itself does not contain any prerecorded media that would require media alternatives.
[1.2.9 Audio-only (Live)](#) (Level AAA)	Not Applicable	STEMLink does not contain any live audio.
[1.3.6 Identify Purpose](#) (Level AAA 2.1 and 2.2)	Supports	
[1.4.6 Contrast (Enhanced)](#) (Level AAA)	Supports	
[1.4.7 Low or No Background Audio](#) (Level AAA)	Not Applicable	STEMLink itself does not contain relevant audio for this criterion.
[1.4.8 Visual Presentation](#) (Level AAA)	Partially Supports	STEMLink itself meets requirements 3, 4, and 5 of this criterion, but not 1 or 2.
[1.4.9 Images of Text (No Exception)](#) (Level AAA)	Supports	
[2.1.3 Keyboard (No Exception)](#) (Level AAA)	Supports	
[2.2.3 No Timing](#) (Level AAA)	Supports	
[2.2.4 Interruptions](#) (Level AAA)	Not Applicable	STEMLink itself does not execute interruptions.
[2.2.5 Re-authenticating](#) (Level AAA)	Not Applicable	STEMLink itself does not contain any mechanism to cause authenticated sessions to expire.
[2.2.6 Timeouts](#) (Level AAA 2.1 and 2.2)	Not Applicable	STEMLink itself does not contain any mechanism to cause timeouts.
[2.3.2 Three Flashes](#) (Level AAA)	Not Applicable	STEMLink itself does not have any flashing content.
[2.3.3 Animation from Interactions](#) (Level AAA 2.1 and 2.2)	Not Applicable	STEMLink itself does not have any motion animated content.
[2.4.8 Location](#) (Level AAA)	Supports	
[2.4.9 Link Purpose (Link Only)](#) (Level AAA)	Supports	
[2.4.10 Section Headings](#) (Level AAA)	Supports	
[2.4.12 Focus Not Obscured (Enhanced)](#) (Level AAA 2.2 only)	Supports	
[2.4.13 Focus Appearance](#) (Level AAA 2.2 only)	Supports	
[2.5.5 Target Size](#) (Level AAA 2.1 and 2.2)	Supports	
[2.5.6 Concurrent Input Mechanisms](#) (Level AAA 2.1 and 2.2)	Supports	

Criteria	Conformance Level	Remarks and Explanations
3.1.3 Unusual Words (Level AAA)	Not Applicable	STEMLink itself does not contain any terms that, according to WCAG, qualify as needing definitions of words or phrases (idioms, jargon, mechanisms, or use in an unusual/restricted way).
3.1.4 Abbreviations (Level AAA)	Not Applicable	STEMLink itself does not contain abbreviations.
3.1.5 Reading Level (Level AAA)	Supports	
3.1.6 Pronunciation (Level AAA)	Does Not Support	STEMLink itself does not have a mechanism for identifying the pronunciation of words.
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	
3.3.9 Accessible Authentication (Enhanced) (Level AAA 2.2 only)	Supports	

Legal Disclaimer

The information herein is provided in good faith based on STEMLink at the time of the accessibility audit and does not represent a legally binding claim. Please contact the Internet Scout Research Group to report any accessibility errors or conformance claim errors for re-evaluation and correction, if necessary.