



**Name of Product: Boom Cards Student Player**

# Accessibility Conformance Report

## WCAG Edition

VPAT® Version 2.3 – December 2018

### **Product Description:**

*Boom Cards* teaching resources are cloud-resident and -served instructional-material mini-apps such as digital learning games, instant feedback quizzes, and interactive lessons. The *Boom* platform includes three elements: creation tools (provided at no charge to all users), data processing and reporting of learner performance data (provide at a fee if more than 5 students), and storage for created Boom Cards mini-apps. Educators create Boom Cards for personal use, use with colleagues, and/or for distribution (for a fee or no fee) via the Boom Store or through third-party marketplaces. *Boom Cards* may be assigned in ways that do not collect data or in ways that use the Boom Reports feature to process and report learner performance data.

**Date:** June 03, 2022

**Contact information:** legal@boomlearning.com

**Evaluation Methods Used:** General product knowledge and automated external test suites applied to the student accessed elements of the Boom Learning platform.

## 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, at <a href="http://www.w3.org/TR/2008/REC-WCAG20-20081211/">http://www.w3.org/TR/2008/REC-WCAG20-20081211/</a>	Level A ( <b>Yes</b> ) Level AA ( <b>Yes</b> ) Level AAA ( <b>No</b> )
Web Content Accessibility Guidelines 2.1 at <a href="https://www.w3.org/TR/WCAG21/">https://www.w3.org/TR/WCAG21/</a>	Level A ( <b>No</b> ) Level AA ( <b>No</b> ) Level AAA ( <b>No</b> )

## 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 2.0 and 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
<a href="#">1.1.1 Non-text Content</a> (Level A)	Partially Supports	We allow and encourage authors to add text captions to audio recordings of speech. We allow and encourage authors to include text captions for images. We allow and encourage authors to add text alternatives to video illustrations and examples.
<a href="#">1.2.1 Audio-only and Video-only (Prerecorded)</a> (Level A)	Partially Supports	Teachers can create Boom Cards that include an alternative the presents equivalent information for prerecorded content. Ready-made Boom Cards may not meet the criteria.
<a href="#">1.2.2 Captions (Prerecorded)</a> (Level A)	Partially Supports	Teachers can create Boom Cards that embed videos to which close captions have been added if such videos have been uploaded to Vimeo. Ready-made Boom Cards may not meet the criteria.
<a href="#">1.2.3 Audio Description or Media Alternative (Prerecorded)</a> (Level A)	Partially Supports	Use of the app does not require that learners access prerecorded video. Ready-made Boom Cards may not meet the criteria. Teachers can create materials that meet the success criteria, by adding audio tracks that include audio descriptions to cards with video content.
<a href="#">1.3.1 Info and Relationships</a> (Level A)	Partially supported	Page structure and content organization is expressed programmatically. We have improvements to build for landmarking pages and tagging page regions to improve screenreader understanding of the player.
<a href="#">1.3.2 Meaningful Sequence</a> (Level A)	Supported	
<a href="#">1.3.3 Sensory Characteristics</a> (Level A)	Supported	
<a href="#">1.4.1 Use of Color</a> (Level A)	Supported	
<a href="#">1.4.2 Audio Control</a> (Level A)	Supported	
<a href="#">2.1.1 Keyboard</a> (Level A)	Supported	In Safari, you must go to settings to enable tab behavior. All clickable answers in the student player are tabbable by default, and the order is customizable via the Z-order property.

Criteria	Conformance Level	Remarks and Explanations
<a href="#">2.1.2 No Keyboard Trap</a> (Level A)	Supported	In Safari, you must go to settings to enable tab behavior.
<a href="#">2.1.4 Character Key Shortcuts</a> (Level A 2.1 only)	Supported	Not applicable. We only support CMD-Print. And ESC and ENTER which are standard browser things. Cmd-P has a cmd key modifier. We have NO character-driven commands.
<a href="#">2.2.1 Timing Adjustable</a> (Level A)	Supported	
<a href="#">2.2.2 Pause, Stop, Hide</a> (Level A)	Supported	Sound and video can both be paused, stopped, resumed, and restarted
<a href="#">2.3.1 Three Flashes or Below Threshold</a> (Level A)	Supported	Teachers should preview purchased decks before assigning to ensure authors have not included content that flashes at a rate below threshold.
<a href="#">2.4.1 Bypass Blocks</a> (Level A)	Not applicable	Not applicable to the student player
<a href="#">2.4.2 Page Titled</a> (Level A)	Supported	
<a href="#">2.4.3 Focus Order</a> (Level A)	Supported	By default, focus order is determined by page order (top to bottom, left to right). Focus order within the player is customizable via the Z-order property on card elements.
<a href="#">2.4.4 Link Purpose (In Context)</a> (Level A)	Supported	
<a href="#">2.5.1 Pointer Gestures</a> (Level A 2.1 only)	Not evaluated	Forthcoming
<a href="#">2.5.2 Pointer Cancellation</a> (Level A 2.1 only)	Not evaluated	Forthcoming
<a href="#">2.5.3 Label in Name</a> (Level A 2.1 only)	Not evaluated	Forthcoming
<a href="#">2.5.4 Motion Actuation</a> (Level A 2.1 only)	Not evaluated	Forthcoming
<a href="#">3.1.1 Language of Page</a> (Level A)	Does not support	We are investigating ways to implement and plan to have released by back to school.
<a href="#">3.2.1 On Focus</a> (Level A)	Supported	
<a href="#">3.2.2 On Input</a> (Level A)	Supported	App experience gates pages and submissions with buttons. When playing decks, progression may be automated but will be expected by the student and telegraphed by the answer feedback sounds.
<a href="#">3.3.1 Error Identification</a> (Level A)	Supported	

<a href="#">3.3.2 Labels or Instructions</a> (Level A)	Partially Supports	Supports for the main app experience (e.g. logging in, changing password). Does not support in the card play experience for the fill-in-the-blank control.
Criteria	Conformance Level	Remarks and Explanations
<a href="#">4.1.1 Parsing</a> (Level A)	Supports	
<a href="#">4.1.2 Name, Role, Value</a> (Level A)	Partially Supports	All clickable elements in the player have the role “button”

**Table 2: Success Criteria, Level AA**

Notes:

Criteria	Conformance Level	Remarks and Explanations
<a href="#">1.2.4 Captions (Live)</a> (Level AA)	Supported	We do not provide for live audio content
<a href="#">1.2.5 Audio Description (Prerecorded)</a> (Level AA)	Partially Supports	Use of the app does not require that learners access prerecorded video. Ready-made Boom Cards may not meet the criteria. Teachers can create materials that meet the success criteria, by adding audio tracks that include audio descriptions to cards with video content.
<a href="#">1.3.4 Orientation</a> (Level AA 2.1 only)	Not evaluated	Forthcoming
<a href="#">1.3.5 Identify Input Purpose</a> (Level AA 2.1 only)	Not evaluated	Forthcoming
<a href="#">1.4.3 Contrast (Minimum)</a> (Level AA)	Supported	
<a href="#">1.4.4 Resize text</a> (Level AA)	Supported	
<a href="#">1.4.5 Images of Text</a> (Level AA)	Partially Supported	We use text instead of images of text whenever possible so that our app can be translated into other languages.
<a href="#">1.4.10 Reflow</a> (Level AA 2.1 only)	Not evaluated	Forthcoming
<a href="#">1.4.11 Non-text Contrast</a> (Level AA 2.1 only)	Not evaluated	Forthcoming
<a href="#">1.4.12 Text Spacing</a> (Level AA 2.1 only)	Not evaluated	Forthcoming
<a href="#">1.4.13 Content on Hover or Focus</a> (Level AA 2.1 only)	Not evaluated	Forthcoming
<a href="#">2.4.5 Multiple Ways</a> (Level AA)	Supported	Student experience is simple and provides easy access to all settings pages and features from anywhere on the dashboard.
<a href="#">2.4.6 Headings and Labels</a> (Level AA)	Supported	

<a href="#">2.4.7 Focus Visible</a> (Level AA)	Supported	
Criteria	Conformance Level	Remarks and Explanations
<a href="#">3.1.2 Language of Parts</a> (Level AA)	Not Supported	We are investigating ways to implement and plan to have released by back to school.
<a href="#">3.2.3 Consistent Navigation</a> (Level AA)	Supported	
<a href="#">3.2.4 Consistent Identification</a> (Level AA)	Supported	
<a href="#">3.3.3 Error Suggestion</a> (Level AA)	Supported	
<a href="#">3.3.4 Error Prevention (Legal, Financial, Data)</a> (Level AA)	Supported	Reversibility is supported through customer care.
<a href="#">4.1.3 Status Messages</a> (Level AA 2.1 only)	Not evaluated	Forthcoming

### Table 3: Success Criteria, Level AAA

Notes: AAA Not Evaluated – Table Removed

## Legal Disclaimer (Company)

*This is a voluntary internal assessment of our compliance for accessibility of the student accessed elements of the platform. The information provided herein is provided in good faith based on an analysis at the time of review and does not represent a legally-binding representation, warranty, or claim. Please contact us at [legal@boomlearning.com](mailto:legal@boomlearning.com) to report any accessibility errors or conformance claim errors for re-evaluation and correction.*