

Boom Studio — Accessibility Conformance Report

Report date: 24 August 2026

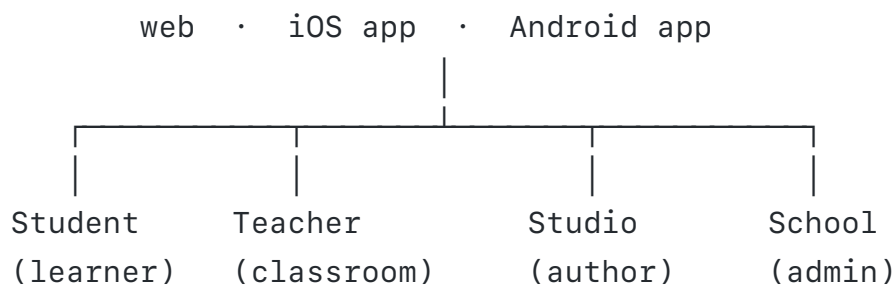
International Edition, based on VPAT® Version 2.5Rev (April 2025)

Field	Value
Name of Product/Version	Boom Studio, browser and Boom Cards native mobile apps
Report Date	24 August 2026
Product Description	Authors upload fonts, images, and sounds, and kit them into Boom Cards decks in the Boom Studio deck editor.
Contact	help@boomlearning.com
Notes	Disclaimer of Representations and Warranties; Contacting us; Boom Cards Catalog Notes; evaluation methods.

How to read this ACR

There are **four** ACRs because four kinds of people use the Boom Learning platform, and each has a different experience.

These ACRs cover web, iOS, and Android. There is no separate mobile ACR.



File	Who	What they do
Student	Students	Sign in, play assigned lessons, see their own progress
Teacher	Teachers	Classes, assign work, library, store, class reports
Studio (this file)	Authors	Build and edit lessons
School	School IT / admins	Teachers, licenses, purchase orders

To evaluate accessibility conformance for authors (Studio), **this** is the file. The other three ACRs are not substitutes.

What the tables score. Supports and Partially Supports below are for the Studio **application**: upload assets, deck list, publish, accessibility fields, and the Boom Studio deck editor. Partially Supports in this file is about that authoring UI, most often the Boom Studio deck editor. How those parts differ, including that the Boom Studio deck editor runs in the browser and is not in the iOS or Android apps, is in Boom Cards Catalog Notes.

Teaching content. Boom Cards decks are **not** supposed to be universally accessible. That is by design (see Boom Cards Catalog Notes). Content creators build lessons for a domain or skill. A picture-naming card cannot carry alt text that names the animal — that would give away the answer. Educators choose the right decks for their students’ abilities and teaching goals.

Applicable standards

Standard	Included
WCAG 2.0 — Level A and AA	Yes
WCAG 2.1 — Level A and AA	Yes
WCAG 2.2 — Level A and AA	Yes
WCAG 2.0 / 2.1 / 2.2 — Level AAA	No (Not Evaluated)
Revised Section 508 (2017, corrected 2018)	Yes (software and support; hardware not applicable)
EN 301 549 V3.2.1 (2021-03)	Yes (web software and support; hardware not applicable)

WCAG 2.2 Level A and AA is the reporting target. 4.1.1 Parsing: Supports for 2.0/2.1; does not apply to 2.2.

Conformance levels

Level	Meaning
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	Used only for WCAG Level AAA in this report.

Platforms

The Boom Studio application is available on the web at wow.boomlearning.com. Authors can also use parts of the Boom Studio application from the Boom Cards iOS and Android apps when signed in. The Boom Studio deck editor is web only. There is no separate mobile ACR.

On the web, use browser zoom. In the Boom Cards apps, pinch-to-zoom is not available; use iOS Zoom or Android magnification.

Disclaimer of Representations and Warranties; Conformance Improvements Are Ongoing and Continuous

This is a voluntary assessment of the named product as of the report date. It is provided in good faith, based on an analysis at the time of review. This assessment does not represent a legally binding representation, warranty, or claim, express or implied, of any kind, including, but not limited to, performance or quality. This ACR is not a certification of compliance, and is not incorporated into claims, representations, or warranties in any agreement. Our conformance activities are ongoing and continuous. Updates to this report are periodic.

Contacting us

Help and Contact Us are available in a consistent location for educators.

Boom Cards Catalog Notes

What Studio is. The Boom Studio application is where authors make Boom Cards decks. Authors upload fonts, images, and sounds. The Boom Studio deck editor (often also called Studio) is where those pieces are kitted together into a lesson: text, pictures, audio, interaction, and publish.

Those tools are powerful on purpose. An author can build student content to the accessibility level that lesson should have — including accessibility text and Boom Store metadata so educators can find a fit. Boom Cards decks are **not** supposed to be universally accessible. That is by design. Content creators make materials for a domain or skill. A picture-naming card cannot carry alt text that names the animal; that would give away the answer. A listening item that is fully captioned is no longer a listening item. Educators choose the right decks for their students' abilities and teaching goals.

This ACR. This file scores the Studio **application** — the software authors use to upload assets, manage decks, fill accessibility fields, and edit cards. It does not score every published Boom Cards deck. What a lesson teaches, and how accessible that lesson is, belongs to the content creator (see above).

Studio is not one screen. Uploading fonts, images, and sounds, working from a deck list, publishing, and filling accessibility fields are further along. Those parts have names, labels, and keyboard paths that hold up under the evaluation described below.

The **Boom Studio deck editor** is where those assets are placed on the card and kitted into a lesson. Moving, resizing, and stacking objects still requires a

pointer. Keyboard and screen-reader support for those actions is not complete. When a row in the tables says Partially Supports, that remark is about this authoring UI, and most often about that editor. It is not a claim about the student player, and it is not a claim that a published lesson could not have been made accessible.

The Boom Studio deck editor runs in the browser. It is not available in the iOS or Android apps. On those apps, authors can still use the rest of Studio — uploads, deck list, publish, and accessibility fields. Those screens are the same product as on the web and are included in this file.

Evaluation methods used

Accessibility is part engineering and part judgment. A scanner will not tell whether a card canvas should behave like a document or like a drawing surface. That is found by authoring: keyboard, VoiceOver screen reader technology, and the actual edit/publish path.

We treat automated scans (Equal, axe-class tools, Lighthouse) as a **regression gate**. They catch drift. They do not define done. Primary evaluation is using Studio on web: keyboard without AT, VoiceOver screen reader technology, deck list, edit, accessibility text fields, publish. Passing a scanner is necessary but not sufficient.

- Representative flows: open Studio, edit a deck, add accessibility text, set Boom Store accessibility metadata, publish.
- Browser zoom and reflow on **web**.
- Contrast sampling of Studio chrome (not every author-drawn object on a canvas).
- Browsers: current Safari, Chrome, and Firefox.
- Customer support site and customer email: Chapter 6.

WCAG 2.2 Report — Level A

Criteria	Conformance Level	Remarks and Explanations
1.1.1 Non-text Content (A)	Partially Supports	Studio chrome (icons, controls) has text alternatives. Objects authors place on the canvas are author-controlled; accessibility text fields exist so authors can supply alternatives. We do not generate a full alternative for every canvas object.
1.2.1 Audio-only and Video-only (Prerecorded) (A)	Partially Supports	Studio chrome is not A/V-only. Authors may add audio or video without alternatives; that is an authoring choice the tools allow.
1.2.2 Captions (Prerecorded) (A)	Partially Supports	Studio does not caption author-linked video. Authors use the host player (for example YouTube, Vimeo).
1.2.3 Audio Description or Media Alternative (Prerecorded) (A)	Partially Supports	Same: author media, not Studio-generated description.
1.3.1 Info and Relationships (A)	Partially Supports	Studio chrome uses headings, labels, native controls. Canvas object relationships are author-defined and not always programmatically available as a document tree.
1.3.2 Meaningful Sequence (A)	Partially Supports	Chrome order is meaningful. Canvas tab order can follow author layout rather than a single reading sequence.

1.3.3 Sensory Characteristics (A)	Supports	Studio chrome instructions do not rely on sensory cues alone. Authors may build sensory lessons; that is the catalog model.
1.4.1 Use of Color (A)	Partially Supports	Studio chrome does not use color alone. Authors may.
1.4.2 Audio Control (A)	Partially Supports	Chrome has no long auto-audio. Authors may add audio on cards.
2.1.1 Keyboard (A)	Partially Supports	Studio chrome (deck list, fields, publish, accessibility text) is keyboard operable on web. The card canvas still has pointer-first interactions (placing and dragging objects). That is the named gap in this product — not in Student or Teacher classroom.
2.1.2 No Keyboard Trap (A)	Supports	Chrome dialogs release focus. Canvas tools do not trap the page.
2.1.4 Character Key Shortcuts (A, 2.1 and 2.2)	Not Applicable	No single-character shortcuts that conflict with AT.
2.2.1 Timing Adjustable (A)	Supports	No authoring time limits beyond authentication.
2.2.2 Pause, Stop, Hide (A)	Supports	Studio chrome does not require dealing with auto-playing movement as the only path.
2.3.1 Three Flashes or Below Threshold (A)	Supports	Studio chrome does not flash. Authors could; we do not audit every canvas.
2.4.1 Bypass Blocks (A)	Supports	Headings and structure in Studio chrome.
2.4.2 Page		

Titled (A)	Supports	Studio views are titled.
2.4.3 Focus Order (A)	Partially Supports	Chrome focus order is meaningful. Canvas focus order depends on author layout.
2.4.4 Link Purpose (In Context) (A)	Supports	Chrome controls are named.
2.5.1 Pointer Gestures (A, 2.1 and 2.2)	Partially Supports	Chrome does not require path-based gestures. Canvas authoring includes drag-to-place.
2.5.2 Pointer Cancellation (A, 2.1 and 2.2)	Supports	Chrome uses native cancellation.
2.5.3 Label in Name (A, 2.1 and 2.2)	Supports	Chrome visible labels match accessible names.
2.5.4 Motion Actuation (A, 2.1 and 2.2)	Not Applicable	No device-motion requirement.
3.1.1 Language of Page (A)	Supports	Language from the signed-in user or picker.
3.2.1 On Focus (A)	Supports	Focus in chrome does not change context by itself.
3.2.2 On Input (A)	Supports	Fields do not auto-submit the deck.
3.2.6 Consistent Help (A, 2.2 only)	Supports	Help and Contact Us in a consistent location.
3.3.1 Error		

Identification (A)	Supports	Publish and field errors in text.
3.3.2 Labels or Instructions (A)	Supports	Accessibility text fields and publish fields are labeled.
3.3.7 Redundant Entry (A, 2.2 only)	Supports	Deck metadata can be reused rather than re-keyed blindly.
4.1.1 Parsing (A)	Supports (WCAG 2.0 and 2.1). Does not apply (WCAG 2.2)	Chrome HTML is well-formed.
4.1.2 Name, Role, Value (A)	Partially Supports	Chrome: native name/role/value. Canvas objects are not a full application accessibility tree.

WCAG 2.2 Report — Level AA

Criteria	Conformance Level	Remarks and Explanations
1.2.4 Captions (Live) (AA)	Not Applicable	No live A/V.
1.2.5 Audio Description (Prerecorded) (AA)	Partially Supports	Author video, not Studio-generated description.
1.3.4		

Orientation (AA, 2.1 and 2.2)	Supports	No orientation lock.
1.3.5 Identify Input Purpose (AA, 2.1 and 2.2)	Supports	Account/sign-in fields labeled.
1.4.3 Contrast (Minimum) (AA)	Partially Supports	Studio chrome meets contrast gates. Author-drawn canvas objects may not; authors can violate contrast when the skill requires it.
1.4.4 Resize Text (AA)	Supports	Web zoom for Studio chrome. Canvas zoom is a drawing surface, not browser text resize of every object.
1.4.5 Images of Text (AA)	Partially Supports	Chrome uses real text. Authors may place images of text as the lesson.
1.4.10 Reflow (AA, 2.1 and 2.2)	Partially Supports	Studio chrome reflows. The card canvas is two-dimensional by nature.
1.4.11 Non-text Contrast (AA, 2.1 and 2.2)	Partially Supports	Chrome UI contrast is gated. Canvas graphics are author-controlled.
1.4.12 Text Spacing (AA, 2.1 and 2.2)	Partially Supports	Chrome text spacing works. Canvas text is layout the author set.
1.4.13 Content on Hover or Focus (AA, 2.1 and 2.2)	Supports	Chrome menus dismiss with Escape.
2.4.5 Multiple Ways (AA)	Supports	Deck list, navigation, search where offered.
2.4.6		Chrome headings and labels, including

Headings and Labels (AA)	Supports	accessibility text fields.
2.4.7 Focus Visible (AA)	Partially Supports	Chrome focus is visible. Canvas selection indicators are visual and not always a standard focus ring.
2.4.11 Focus Not Obscured (Minimum) (AA, 2.2 only)	Supports	Chrome focus is not entirely hidden.
2.5.7 Dragging Movements (AA, 2.2 only)	Partially Supports	Placing and arranging canvas objects uses dragging. There is not a full non-drag equivalent for every canvas edit. Classroom "move student" drag is the Teacher ACR (button alternative).
2.5.8 Target Size (Minimum) (AA, 2.2 only)	Partially Supports	Chrome targets meet 24 by 24. Canvas handles may be smaller because they are drawing tools.
3.1.2 Language of Parts (AA)	Partially Supports	Chrome matches page language. Card text may mix languages (world language).
3.2.3 Consistent Navigation (AA)	Supports	Studio chrome nav is consistent.
3.2.4 Consistent Identification (AA)	Supports	Chrome controls identified consistently.
3.3.3 Error Suggestion (AA)	Supports	Publish/field errors describe what to fix.

3.3.4 Error Prevention (Legal, Financial, Data) (AA)	Not Applicable	Studio does not take legal/financial data.
3.3.8 Accessible Authentication (Minimum) (AA, 2.2 only)	Supports	Same educator sign-in as Teacher (password managers).
4.1.3 Status Messages (AA, 2.1 and 2.2)	Supports	Save/publish status in chrome is exposed.

WCAG 2.2 Report — Level AAA

Not Evaluated.

Revised Section 508

Hardware (Chapter 4) is Not Applicable.

Chapter 3: Functional performance criteria

Criteria	Conformance Level	Remarks and Explanations
302.1 Without Vision	Partially Supports	Studio chrome works with a screen reader. The canvas is not a full non-visual drawing surface.

302.2 With Limited Vision	Partially Supports	Chrome: zoom and contrast. Canvas: author graphics.
302.3 Without Perception of Color	Partially Supports	Chrome does not rely on color alone. Authors may.
302.4 Without Hearing	Partially Supports	Chrome is not sound-only. Authors may add audio-only tasks.
302.5 With Limited Hearing	Partially Supports	Same.
302.6 Without Speech	Supports	Speech not required.
302.7 With Limited Manipulation	Partially Supports	Chrome: keyboard. Canvas: drag-to-place remains.
302.8 With Limited Reach and Strength	Supports	Software only.
302.9 With Limited Language, Cognitive, and Learning Abilities	Partially Supports	Chrome is labeled. Complexity of a deck is the author's lesson, not a Studio defect.

Chapter 5: Software

Criteria	Conformance Level	Remarks and Explanations
501.1 Scope — Incorporation of WCAG 2.0	See WCAG tables	WCAG 2.2 AA.
502 Interoperability with Assistive Technology	Partially Supports	Chrome exposes a proper accessibility tree. Canvas objects do not fully.

503 Applications	Partially Supports	Chrome follows browser/OS. Canvas is a custom surface.
504 Authoring Tools	Partially Supports	Studio provides accessibility text and Boom Store metadata so authors can make fully accessible decks and declare motor, auditory, and visual features. Authors remain responsible for the deck they publish. Studio does not block skill-specific lessons that are not universal.

Chapter 6: Support documentation and services

Criteria	Conformance Level	Remarks and Explanations
602.2 Accessibility and compatibility features	Supports	Accessibility of the apps and of Boom Cards decks (including accessibility text) is documented in Help Center articles and in this ACR.
602.3 Electronic support documentation	Partially Supports	Public FAQs, support, and marketing pages are HTML on the Boom Learning website. Pages use site templates with contrast and text-size settings. Automated scans of those pages pass. The same manual keyboard and screen-reader pass used on the apps is not complete.
602.4 Alternate formats for non-electronic support documentation	Not Applicable	Support is electronic.
603.2 Information on		

accessibility and compatibility features	Supports	Contact help@boomlearning.com . Help Center and this ACR describe accessibility features.
603.3 Accommodation of communication needs	Supports	Support is text (help desk and email). Outbound customer email templates have been through accessibility QA (structure and contrast in common clients). Mail clients differ; we do not claim identical rendering in every inbox.

EN 301 549

Chapter	Conformance Level	Remarks and Explanations
4 Functional performance	See Section 508 Chapter 3	Same as 302.x.
5 Generic requirements	See WCAG tables	Open web software; canvas is a custom surface.
6 ICT with two-way voice communication	Not Applicable	Not telephony.
7 Video capabilities	Partially Supports	Author-linked video, not Studio-captioned broadcast.
8 Hardware	Not Applicable	No ICT hardware.
9 Web	See WCAG tables	WCAG 2.2 A and AA.
10 Non-web documents	Not Applicable	Software.
	See WCAG	

11 Software	tables	WebView wrappers (Platforms).
12 Documentation and support	See 508 Chapter 6	Website, Help Center, email, this ACR.
13 Relay or emergency service access	Not Applicable	Not a relay product.

Marks

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