

# BLENDING EDUCATION Accessibility Conformance Report

We want to empower all learners to have accessible, compelling, and enjoyable e-learning experiences. With that goal in mind, we built our lessons and courses to support Web Content Accessibility Guidelines (WCAG), as described in this report. We will continue to build our lessons and courses to go beyond compliance with these guidelines to become truly accessible to everyone.

## Based on VPAT® Version 2.4 WCAG Edition

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## Product Information

**Name of Product/Version:** BLENDING EDUCATION Microlearning Library (lessons and courses)

**Report Date:** December 8, 2020

**Contact Information:** [support@blending.education](mailto:support@blending.education)

**Applicable Standards/Guidelines:** This report covers the degree of conformance with these accessibility standards/guidelines.

Standard/Guideline	Included in Report
<a href="#">Web Content Accessibility Guidelines 2.0</a>	Level A (Yes) Level AA (Yes) Level AAA (No)

## Web Content Accessibility Guidelines 2.1

Level A (Yes)  
Level AA (Yes)  
Level AAA (No)

**Terms:** We use the following terms to define conformance levels for accessibility criteria.

- **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.

## WCAG 2.1 Report

When reporting on conformance with the WCAG 2.1 Success Criteria, they are scoped for full pages, complete processes, and accessibility-supported ways of using technology as documented in the [WCAG 2.1 Conformance Requirements](#).

### Table 1: Success Criteria, Level A

Notes: For the criteria we partially support, we're working on improvements to reach full support. We'll update this conformance report as enhancements are released.

Criteria	Conformance Level	Remarks and Explanations
<a href="#">1.1.1 Non-text Content</a> (Level A)	Partially Supports	Give learners text-based alternatives for non-text content. Use <a href="#">alt text</a> to describe images. Use text blocks or interactive markers to provide expanded descriptions for complex images, such as charts and maps. For audio and video blocks, use the caption field to describe the purpose of the media.

		Scenario blocks don't currently support alt text. It's coming soon.
<b>1.2.1 Audio-only and Video-only (Prerecorded)</b> (Level A)	Supports	<p>Give learners text-based alternatives for audio-only and video-only content.</p> <p>For audio, use a text block or an accordion interaction with a single tab to display a transcript. If the transcript is short, you can even use the caption field for the audio block.</p> <p>For videos that don't have narration, you can offer a text description of what happens in the video. Use a text block or the caption field. You also have the option of using an audio block to narrate the video.</p>
<b>1.2.2 Captions (Prerecorded)</b> (Level A)	Partially Supports	<b>Import closed captions</b> for videos that have narration. Doesn't currently support captions for audio blocks.
<b>1.2.3 Audio Description or Media Alternative (Prerecorded)</b> (Level A)	Supports	Give learners a separate audio track or a detailed text-based alternative to describe video content that can't be heard in the audio—e.g., on-screen text, character actions, and scene changes.
<b>1.3.1 Info and Relationships</b> (Level A)	Supports	Output is semantically formatted for easy screen reader navigation.
<b>1.3.2 Meaningful Sequence</b> (Level A)	Partially Supports	Follows a logical navigation order for all content, except matching drag-and-drop questions, which are in development.
<b>1.3.3 Sensory Characteristics</b> (Level A)	Partially Supports	<p>Provide text-based instructions for content that can only be understood by shape, size, visual location, orientation, or sound.</p> <p>Matching drag-and-drop questions and sorting activities aren't fully accessible yet. We're working on these block types now.</p>
<b>1.4.1 Use of Color</b> (Level A)	Supports	Provide alternatives when color is used to convey important information or instructions. Learners with color blindness might not see the differences in

		<p>your color choices. Here are a couple of ways to meet this criterion:</p> <ul style="list-style-type: none"> <li>● We will use a 3:1 contrast ratio between clickable text and static text so learners can tell the difference.</li> <li>● We will use patterns, textures, or text to make different areas of an image stand out. For example, use different patterns or textures for each product on a chart. Or, add on-screen text to identify colors when asking learners to select one of several color swatches.</li> </ul>
<a href="#">1.4.2 Audio Control</a> (Level A)	Supports	Doesn't autoplay audio.
<a href="#">2.1.1 Keyboard</a> (Level A)	Partially Supports	<p>Much of the learning experience is already <a href="#">keyboard accessible</a>, but we're working on keyboard improvements for these block types:</p> <ul style="list-style-type: none"> <li>● Image and quote carousels</li> <li>● Process interactions</li> <li>● Drag-and-drop interactions</li> <li>● Charts</li> </ul> <p>Provide keyboard-accessible alternatives for the blocks listed above until we finish the keyboard improvements for them.</p>
<a href="#">2.1.2 No Keyboard Trap</a> (Level A)	Supports	Courses don't trap keyboard focus in subsections of content. Learners can use keyboard navigation without getting stuck.
<a href="#">2.1.4 Character Key Shortcuts</a> (Level A 2.1 only)	Not Applicable	Output doesn't use keyboard shortcuts.
<a href="#">2.2.1 Timing Adjustable</a> (Level A)	Not Applicable	Doesn't use timed content.

<a href="#">2.2.2 Pause, Stop, Hide</a> (Level A)	Not Applicable	Doesn't have auto-updating info or content that moves, scrolls, or blinks for more than five seconds.
<a href="#">2.3.1 Three Flashes or Below Threshold</a> (Level A)	Supports	We don't use videos or animations that flash or blink more than three times per second. Avoid content that might cause seizures.
<a href="#">2.4.1 Bypass Blocks</a> (Level A)	Supports	Learners can <a href="#">skip repetitive sidebar navigation elements</a> to access lesson content immediately when tabbing through a course with a screen reader. The skip-navigation feature is automatically enabled in all courses.
<a href="#">2.4.2 Page Titled</a> (Level A)	Supports	Automatically gives each lesson in a course a page title that follows this format: CourseTitle - Lesson Title . Titles appear on the browser tab, and screen readers announce them as learners navigate through the course.
<a href="#">2.4.3 Focus Order</a> (Level A)	Supports	The navigation order of focusable elements, such as links and form controls, is logical and intuitive.
<a href="#">2.4.4 Link Purpose (In Context)</a> (Level A)	Supports	We use meaningful text for every link so learners know what each one does.
<a href="#">2.5.1 Pointer Gestures</a> (Level A 2.1 only)	Not Applicable	Doesn't use touchscreen gestures.
<a href="#">2.5.2 Pointer Cancellation</a> (Level A 2.1 only)	Supports	Click events happen when learners release the mouse button, not when they press the mouse button down. This helps learners recover if they accidentally click the wrong target. They can move the mouse away from the target before releasing the button if they don't want to activate the target.
<a href="#">2.5.3 Label in Name</a> (Level A 2.1 only)	Supports	Interface elements have accessible names that match the visible labels.

<a href="#">2.5.4 Motion Actuation</a> (Level A 2.1 only)	Not Applicable	Doesn't support motion controls. In other words, learners can't control courses by moving their tablets or smartphones.
<a href="#">3.1.1 Language of Page</a> (Level A)	Supports	We set the course language in <a href="#">text labels</a> , and screen readers will use that language to properly pronounce the interface elements and course content.
<a href="#">3.2.1 On Focus</a> (Level A)	Supports	Courses don't change context when learners change focus.
<a href="#">3.2.2 On Input</a> (Level A)	Supports	Learners can select form controls, such as radio buttons, and enter info in text-entry fields, but it doesn't change context when they do.
<a href="#">3.3.1 Error Identification</a> (Level A)	Supports	Communicates errors when they occur.
<a href="#">3.3.2 Labels or Instructions</a> (Level A)	Partially Supports	Provides instructions for interactions, except sorting activities and matching drag-and-drop questions. We're working to make these interactions fully accessible. In the meantime, we will use a text block to provide instructions if we use these interactive blocks.
<a href="#">4.1.1 Parsing</a> (Level A)	Supports	Generates well-formed HTML output.
<a href="#">4.1.2 Name, Role, Value</a> (Level A)	Partially Supports	<p>Uses distinct semantic groups, ARIA landmarks, and structured controls that follow a consistent order and hierarchy. There are a few exceptions. We're making improvements to these block types:</p> <ul style="list-style-type: none"> <li>● Image and quote carousels</li> <li>● Process interactions</li> <li>● Drag-and-drop interactions</li> <li>● Flashcard blocks</li> </ul>

## Table 2: Success Criteria, Level AA

Notes: Doesn't support 1.2.5 Audio Description or 3.1.2 Language of Parts. For the criteria we partially support, we're working on reach full support. We'll update this conformance report as enhancements are released.

Criteria	Conformance Level	Remarks and Explanations
<a href="#">1.2.4 Captions (Live)</a> (Level AA)	Not Applicable	Doesn't use real-time broadcasts.
<a href="#">1.2.5 Audio Description (Prerecorded)</a> (Level AA)	Does Not Support	Audio descriptions must be created separately then imported into courses. We are working on this.
<a href="#">1.3.4 Orientation</a> (Level AA 2.1 only)	Supports	Content automatically reflows and works beautifully in both landscape and portrait modes.
<a href="#">1.3.5 Identify Input Purpose</a> (Level AA 2.1 only)	Not Applicable	Doesn't have input fields for learners' personal info, such as phone numbers, addresses, birthdays, or payment methods.
<a href="#">1.4.3 Contrast (Minimum)</a> (Level AA)	Supports	Interface elements meet minimum contrast guidelines. Be sure to use a contrast ratio of 4.5:1 or higher for on-screen text so learners with low vision can read it.
<a href="#">1.4.4 Resize text</a> (Level AA)	Supports	Courses are inherently responsive, so content scales and reflows as needed when learners interact with their browser zoom features.
<a href="#">1.4.5 Images of Text</a> (Level AA)	Supports	Interface elements don't rely on images of text. Be sure to use text blocks to convey important information rather than importing images of

		text, which can't be read by assistive tools.
<a href="#">1.4.10 Reflow</a> (Level AA 2.1 only)	Supports	Content reflows as learners zoom in so they never need to scroll horizontally.
<a href="#">1.4.11 Non-text Contrast</a> (Level AA 2.1 only)	Supports	Interface elements meet non-text contrast guidelines.  Be sure your accent color and block background color have a 3:1 contrast ratio or higher.
<a href="#">1.4.12 Text Spacing</a> (Level AA 2.1 only)	Partially Supports	Most text content responds to learners' custom styling, such as increased font size and line spacing. We have a few more improvements to make (e.g., the continue block) before BLENDING EDUCATION fully meets this criterion.
<a href="#">1.4.13 Content on Hover or Focus</a> (Level AA 2.1 only)	Supports	Content that appears only when an element has focus (e.g., a tooltip) is dismissible, hoverable, and persistent.
<a href="#">2.4.5 Multiple Ways</a> (Level AA)	Supports	Courses have a cover page with an interactive outline, sidebar navigation features, and a search field for finding content.
<a href="#">2.4.6 Headings and Labels</a> (Level AA)	Supports	Built-in controls are properly labeled and identified. For lesson content, authors can use heading blocks to organize and label content.
<a href="#">2.4.7 Focus Visible</a> (Level AA)	Supports	A rectangle highlights the object that currently has focus when learners use keyboard navigation. There's one exception: flashcards. We're working on improvements for flashcard blocks. Stay tuned for updates.
<a href="#">3.1.2 Language of Parts</a> (Level AA)	Does Not Support	Doesn't support different screen reader languages for different text blocks in the same course.

<b>3.2.3 Consistent Navigation</b> (Level AA)	Supports	Built-in navigation elements always appear in the same location.
<b>3.2.4 Consistent Identification</b> (Level AA)	Supports	Consistently identifies built-in components. When you use an object or interaction more than once, be sure to identify it the same way each time. For example, if you use button blocks to jump to other locations, label them consistently throughout your course.
<b>3.3.3 Error Suggestion</b> (Level AA)	Supports	Give learners feedback or instructions so they know what's expected when they respond incorrectly to quiz questions and knowledge checks.
<b>3.3.4 Error Prevention (Legal, Financial, Data)</b> (Level AA)	Not Applicable	Doesn't cause legal commitments or financial transactions to occur.
<b>4.1.3 Status Messages</b> (Level AA 2.1 only)	Partially Supported	Status messages don't appear without a change in context, except for matching drag-and-drop interactions and sorting activities, which are in development.