

# Voluntary Product Accessibility (VPAT) Version 2.5

TumbleBookLibrary.com

## 1. Product Information

Name of Product: TumbleBookLibrary.com

Product Version: Website UX 2022, version 3

Company Name: Tumble Books

Product Description: TumbleBookLibrary is the online platform (website) that provides access to animated, talking picture books, read-alongs, and interactive educational games for children.

## 2. Date

8 October 2024

## 3. Contact Information

Company Contact for Accessibility Questions:

Name: Tumblebooks Support

Email: [info@tumblebooks.com](mailto:info@tumblebooks.com)

Phone: 1(888) 622-9609

## 4. Evaluation Methods Used

Automated Testing Tools: WAVE

Manual Testing: Screen reader, keyboard navigation, color contrast checker

User Testing: National Network for Equitable Library Service (NNELS)

Following comprehensive testing by National Network for Equitable Library Service (NNELS) using a range of assistive technology and devices to assess the usability of the website on

supported platforms, the Tumble Books development team followed directives for important upgrades to improve the accessibility of TumbleBookLibrary.com.

## 5. WCAG 2.1 Compliance

**Table: WCAG 2.1 Accessibility Criteria**

WCAG Criteria	Level	Conformance Level	Remarks and Explanations
1.1.1 Non-text Content	A	Supports	All images and non-text content have appropriate alternative text descriptions.
1.2.1 Audio-only and Video-only (Prerecorded)	A	Partially Supports	Prerecorded audio and video content have alternatives provided, such as text descriptions or transcripts.
1.2.2 Captions (Prerecorded)	A	Partially Supports	All prerecorded video content includes captions.
1.2.3 Audio Description or Media Alternative (Prerecorded)	A	Partially Supports	Some video content has audio descriptions, but not all. Ongoing efforts are in place to ensure compliance.
1.3.1 Info and Relationships	A	Supports	HTML elements are used to convey structure (headings, lists, etc.).
1.3.2 Meaningful Sequence	A	Supports	Content is presented in a logical order, making it understandable without relying on visual formatting.
1.3.3 Sensory Characteristics	A	Supports	Instructions do not rely solely on sensory characteristics such as shape, size, or color.
1.4.1 Use of Color	A	Supports	Color is not the only means of conveying information.
1.4.3 Contrast (Minimum)	AA	Supports	Text has a contrast ratio of at least 4.5:1 against the background.

1.4.4 Resize Text	AA	Supports	Text can be resized up to 200% without loss of content or functionality.
2.1.1 Keyboard	A	Partially Supports	Most interactive elements are accessible via keyboard, but some game interfaces need improvement.
2.1.2 No Keyboard Trap	A	Supports	There are no keyboard traps, and focus moves as expected.
2.2.1 Timing Adjustable	A	Supports	There are no time limits on any content.
2.3.1 Three Flashes or Below Threshold	A	Supports	Content does not flash more than three times in any one second.
2.4.1 Bypass Blocks	A	Supports	A skip navigation link is available.
2.4.3 Focus Order	A	Supports	Focusable components have a meaningful order that preserves operability.
2.4.4 Link Purpose (In Context)	A	Supports	The purpose of each link is clear from the link text alone or in context.
2.4.6 Headings and Labels	AA	Supports	Headings and labels are descriptive.
2.4.7 Focus Visible	AA	Supports	Visible focus indicators are provided for all interactive elements.
3.1.1 Language of Page	A	Supports	The default language of the page is specified.
3.2.1 On Focus	A	Supports	No unexpected changes occur when elements receive focus.
3.3.1 Error Identification	A	Supports	Errors are identified, and clear instructions are provided.

4.1.1 Parsing	A	Supports	The website code is well-formed and follows standards, ensuring proper parsing by assistive technologies.
4.1.2 Name, Role, Value	A	Partially Supports	Some custom components (like certain interactive elements) need more clarity in how they are described to assistive technologies.

## 6. Additional Notes

### Desktop and Tablet Accessibility:

- TumbleBookLibrary.com is optimized for desktop computers and tablets, ensuring that users can access the content on a range of screen sizes. The design adapts to different screen sizes while maintaining accessibility features, such as larger touch targets for buttons and icons, which are essential for users with motor impairments.
- Content resizing works smoothly, and responsive design principles are implemented to maintain readability and usability across devices.
- A separate mobile app is available for smartphones.

### Screen Reader Compatibility:

- The website has been tested with major screen readers, including NVDA, JAWS, and VoiceOver. TumbleBookLibrary.com uses ARIA (Accessible Rich Internet Applications) roles and attributes to provide better context and interactions for screen reader users.
- Improvements are ongoing to ensure that interactive elements, like educational games, work seamlessly with screen readers.

### Browser Compatibility:

- TumbleBookLibrary.com has been tested across multiple web browsers, including Chrome, Firefox, Safari, and Edge, to ensure compatibility and consistent accessibility features.
- While the site performs well on most browsers, certain features may have slight variations, and users are encouraged to use the latest browser versions for the best experience.

### Keyboard Navigation:

- The website allows full keyboard navigation for users who cannot use a mouse. Tab orders are logical, and interactive elements like menus, links, and form fields are accessible via the keyboard.
- However, there are some interactive game elements where keyboard focus and navigation need refinement, and ongoing updates are being implemented to address these gaps.

### Ongoing Accessibility Audits:

- TumbleBookLibrary.com undergoes regular accessibility audits by both internal teams and third-party organizations to ensure compliance with WCAG 2.1 standards.
- Continuous improvements are being made based on user feedback, particularly from users with disabilities, to ensure the platform remains accessible and inclusive.

#### **Dyslexic font:**

- TumbleBookLibrary.com default font is Arial which is a widely available sans-serif font known for its legibility and straightforward design, which can benefit individuals with dyslexia. This font is readily available on almost every operating system or program around the world, without the need for a license.

#### **Color Contrast Customization:**

- The platform currently meets minimum color contrast requirements for text and visual elements, but users can adjust contrast settings through browser extensions or third-party tools. The development team is exploring additional options to provide built-in contrast customization features directly within the platform.

#### **User Feedback Mechanism:**

- Our customer service team welcomes feedback via email regarding any accessibility barriers users encounter. This feedback is carefully reviewed, and any accessibility issues identified are prioritized for our development team to implement.
- Users are encouraged to reach out with suggestions, and the development team is responsive to making necessary adjustments.

#### **Assistive Technology Support:**

- TumbleBookLibrary.com is designed to work with a variety of assistive technologies beyond screen readers, including speech recognition software (e.g., Dragon NaturallySpeaking) and magnification tools (e.g., ZoomText). The website's layout is flexible and adjusts well to magnified views without losing clarity or functionality.

#### **Language Options:**

- In addition to offering content in multiple languages, TumbleBookLibrary.com makes use of language attributes in the code to ensure that screen readers and other assistive tools can identify and switch to the correct language, improving the experience for non-English-speaking users.

## 7. Changes

### **Screen Reader Compatibility:**

We've enhanced the site's compatibility with screen readers, allowing visually impaired users to navigate the site more easily. All interactive elements (sliders, book carousels, pagination) now include descriptive text, making it possible for users to understand and interact with the content. All alt tags for book covers include the book title and author name.

### **Keyboard Navigation:**

Our website now supports full keyboard navigation, ensuring users who rely on a keyboard for browsing can efficiently move through the site's features. There is a "skip to main content" link automatically detected by screen readers. We've streamlined tab ordering and added focus indicators for improved usability.

### **Color Contrast Enhancements:**

To accommodate users with visual impairments, we've adjusted the website's color scheme to meet WCAG 2.1 AA standards for contrast. This update improves text readability and makes the site more user-friendly for individuals with low vision or color blindness.

### **Text Resize and Zoom Compatibility:**

Users now can adjust text size without compromising the layout or functionality of the site. Additionally, the platform remains fully functional with up to 200% zoom.

### **User Interface Upgrades:**

The header has been redesigned to improve the accessibility of the website language version selection, user login, and the navigation experience for the two levels (main and sub-navigation).

The new accessible search form in the page header allows immediate access to search titles and authors throughout the website. The customized TumbleSearch feature is available for advanced learners, teachers and librarians.

The structure of book detail content is now screen reader friendly with the book title placed before the book covers on the book list and book detail views.

## **8. Legal Disclaimer**

Information in this VPAT is provided for the benefit of customers who want to evaluate the accessibility of [TumbleBookLibrary.com](https://TumbleBookLibrary.com). We are committed to improving our compliance with the accessibility standards outlined above. This document is provided 'as is' and does not constitute a binding or final determination of compliance.