

# Infobase Accessibility Conformance Report

## International Edition

(Based on VPAT<sup>®</sup> Version 2.4)

**Name of Product/Version:** *Science Online* database

**Product Description:** The *Science Online* database is a resource for student research. It features a variety of learning assets, including proprietary book and journal articles, images and videos, topic-specific timelines, tables and charts, and diagrams.

**Report Date:** February 2022

**Contact Information:** support@infobase.com

**Note:** This report reflects accessibility testing done on the initial landing pages, form pages, and various search results pages. Additionally, please note any current accessibility deficiencies do not necessarily mean that the use of assistive technology is impossible. It only means there may be some unclear, redundant, or inefficiently identified content read by assistive technologies.

**Evaluation Methods Used:** The main testing tools and methods used were WAVE (Web Accessibility Evaluation Tool) from WebAIM, ARC Toolkit, and Colour Contrast Analyser from the Paciello Group, the JAWS (Job Access With Speech) screen reader from Freedom Scientific, and manual keyboard testing.

# Applicable Standards/Guidelines

This report covers the degree of conformance for the following accessibility standard/guidelines:

Standard/Guideline	Included In Report
<a href="#">Web Content Accessibility Guidelines 2.0</a>	Level A (Yes) Level AA (Yes) Level AAA (No)
<a href="#">Web Content Accessibility Guidelines 2.1</a>	Level A (Yes) Level AA (Yes) Level AAA (No)
<a href="#">Revised Section 508 standards published January 18, 2017 and corrected January 22, 2018</a>	(Yes)
<a href="#">EN 301 549 Accessibility requirements suitable for public procurement of ICT products and services in Europe, - V3.1.1 (2019-11)</a>	(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 be used only in WCAG 2.0 Level AAA.

## WCAG 2.1 Report

Tables 1 and 2 also document conformance with:

- EN 301 549: Chapter 9 - Web, Sections 10.1-10.4 of Chapter 10 - Non-Web documents, and Sections 11.1-11.4 and 11.8.2 of Chapter 11 - Non-Web Software (open and closed functionality), and Sections 12.1.2 and 12.2.4 of Chapter 12 – Documentation
- Revised Section 508: Chapter 5 – 501.1 Scope, 504.2 Content Creation or Editing, and Chapter 6 – 602.3 Electronic Support Documentation.

Note: 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: Content in the *Science Online* database comes from a variety of sources. Most images on the site have alternative text applied to them. However, standalone images accessed via search do not display alternative text for assistive technology, such as a screen-reader. The main reason is a soon-to-be-replaced third-party plugin used initially to view the images more dynamically is blocking assistive technology from accessing the programmatic information of the images. Additionally, and only in the *Science Online* database, additional educational support materials such as diagrams and in-class science experiments are available as PDF downloads. These supplemental documents and a small number of interactive multimedia items may or may not meet current accessibility standards.

Criteria	Conformance Level	Remarks and Explanations
<p><a href="#">1.1.1 Non-text Content</a> (Level A)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> <li>• 9.1.1.1 (Web)</li> <li>• 10.1.1.1 (Non-web document)</li> <li>• 11.1.1.1.1 (Open Functionality Software)</li> <li>• 11.1.1.1.2 (Closed Functionality Software)</li> <li>• 11.8.2 (Authoring Tool)</li> <li>• 12.1.2 (Product Docs)</li> <li>• 12.2.4 (Support Docs)</li> </ul> <p>Revised Section 508</p> <ul style="list-style-type: none"> <li>• 501 (Web)(Software)</li> <li>• 504.2 (Authoring Tool)</li> <li>• 602.3 (Support Docs)</li> </ul>	Partially Supports	<p>Images, image buttons, linked images, form buttons, and inputs have appropriate, equivalent descriptive, or alternative text.</p> <p>Some current exceptions are:</p> <ul style="list-style-type: none"> <li>• <i>My Research</i> and <i>My Preference</i> pages have a small number of non-text items that are missing an alternative text or associated text labels on some form control components.</li> <li>• The search button in the top navigation area is missing a programmatic identifier.</li> <li>• Single image pages accessed via search do not reveal alternative text to screen readers. This issue is caused by a soon-to-be-replaced third-party plugin used initially to display images dynamically. The plugin blocks screen-reader access to an image's programmatic data.</li> </ul> <p>The detected accessibility issues listed are not necessarily detrimental to the full use of the website.</p> <p>Test method: WAVE, ARC Toolkit, JAWS, and manual visual checks.</p>
<p><a href="#">1.2.1 Audio-only and Video-only (Prerecorded)</a> (Level A)</p> <p>Also applies to:</p>	Partially Supports	There are no prerecorded audio-only media files, but there is a small collection of silent videos. These video-

Criteria	Conformance Level	Remarks and Explanations
<p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> <li>• 9.1.2.1 (Web)</li> <li>• 10.1.2.1 (Non-web document)</li> <li>• 11.1.2.1.1 (Open Functionality Software)</li> <li>• 11.1.2.1.2.1 and 11.1.2.1.2.2 (Closed Software)</li> <li>• 11.8.2 (Authoring Tool)</li> <li>• 12.1.2 (Product Docs)</li> <li>• 12.2.4 (Support Docs)</li> </ul> <p>Revised Section 508</p> <ul style="list-style-type: none"> <li>• 501 (Web)(Software)</li> <li>• 504.2 (Authoring Tool)</li> <li>• 602.3 (Support Docs)</li> </ul>		<p>only titles have no closed captioning or corresponding transcripts. However, they do usually have a brief text description indicating what is taking place in the video.</p> <p>Test method: Manual visual checks.</p>
<p><b><u>1.2.2 Captions (Prerecorded)</u></b> (Level A)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> <li>• 9.1.2.2 (Web)</li> <li>• 10.1.2.2 (Non-web document)</li> <li>• 11.1.2.2 (Open Functionality Software)</li> <li>• 11.1.2.2 (Closed Software)</li> <li>• 11.8.2 (Authoring Tool)</li> <li>• 12.1.2 (Product Docs)</li> <li>• 12.2.4 (Support Docs)</li> </ul> <p>Revised Section 508</p> <ul style="list-style-type: none"> <li>• 501 (Web)(Software)</li> <li>• 504.2 (Authoring Tool)</li> <li>• 602.3 (Support Docs)</li> </ul>	Partially Supports	<p>Generally, most non-live videos have synchronized closed captioning. Some prerecorded video titles, such as the <i>British Pathé</i> and <i>The WPA Film Library</i> newsreel videos, may not contain audio, or if they have audio, they may not have closed captioning or a corresponding transcript. If videos do not have captions or transcripts, they are likely short newsreel-type videos that are supplemental media alternatives for text. However, they are not often clearly labeled as such.</p> <p>Test method: Manual visual checks.</p>
<p><b><u>1.2.3 Audio Description or Media Alternative (Prerecorded)</u></b> (Level A)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> <li>• 9.1.2.3 (Web)</li> <li>• 10.1.2.3 (Non-web document)</li> <li>• 11.1.2.3.1 (Open Functionality Software)</li> <li>• 11.1.2.3.2 (Closed Software)</li> <li>• 11.8.2 (Authoring Tool)</li> </ul>	Partially Supports	<p>Interactive text transcripts and captions for most videos are available. If videos do not have captions or transcripts, they are likely short newsreel-type videos that are supplemental media alternatives for text. However, they are not often clearly labeled as such.</p> <p>Test method: Manual visual checks</p>

Criteria	Conformance Level	Remarks and Explanations
<ul style="list-style-type: none"> <li>• 12.1.2 (Product Docs)</li> <li>• 12.2.4 (Support Docs)</li> </ul> Revised Section 508 <ul style="list-style-type: none"> <li>• 501 (Web)(Software)</li> <li>• 504.2 (Authoring Tool)</li> <li>• 602.3 (Support Docs)</li> </ul>		
<p><b>1.3.1 Info and Relationships</b> (Level A)</p> Also applies to: EN 301 549 Criteria <ul style="list-style-type: none"> <li>• 9.1.3.1 (Web)</li> <li>• 10.1.3.1 (Non-web document)</li> <li>• 11.1.3.1.1 (Open Functionality Software)</li> <li>• 11.1.3.1.2 (Closed Software)</li> <li>• 11.8.2 (Authoring Tool)</li> <li>• 12.1.2 (Product Docs)</li> <li>• 12.2.4 (Support Docs)</li> </ul> Revised Section 508 <ul style="list-style-type: none"> <li>• 501 (Web)(Software)</li> <li>• 504.2 (Authoring Tool)</li> <li>• 602.3 (Support Docs)</li> </ul>	Partially Supports	Most text labels are associated with corresponding form inputs, and data tables are correctly associated with their header cells.  Some current exceptions are: <ul style="list-style-type: none"> <li>• Heading levels do not reflect relative order in the hierarchy, but headings are mostly descriptive.</li> </ul> Test method: WAVE, JAWS, manual visual checks
<p><b>1.3.2 Meaningful Sequence</b> (Level A)</p> Also applies to: EN 301 549 Criteria <ul style="list-style-type: none"> <li>• 9.1.3.2 (Web)</li> <li>• 10.1.3.2 (Non-web document)</li> <li>• 11.1.3.2.1 (Open Functionality Software)</li> <li>• 11.1.3.2.2 (Closed Software)</li> <li>• 11.8.2 (Authoring Tool)</li> <li>• 12.1.2 (Product Docs)</li> <li>• 12.2.4 (Support Docs)</li> </ul> Revised Section 508 <ul style="list-style-type: none"> <li>• 501 (Web)(Software)</li> <li>• 504.2 (Authoring Tool)</li> <li>• 602.3 (Support Docs)</li> </ul>	Supports	The reading and navigation order of the content is logical and intuitive.  Test method: WAVE, JAWS, manual visual checks

Criteria	Conformance Level	Remarks and Explanations
<p><b><u>1.3.3 Sensory Characteristics</u></b> (Level A)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> <li>• 9.1.3.3 (Web)</li> <li>• 10.1.3.3 (Non-web document)</li> <li>• 11.1.3.3 (Open Functionality Software)</li> <li>• 11.1.3.3 (Closed Software)</li> <li>• 11.8.2 (Authoring Tool)</li> <li>• 12.1.2 (Product Docs)</li> <li>• 12.2.4 (Support Docs)</li> </ul> <p>Revised Section 508</p> <ul style="list-style-type: none"> <li>• 501 (Web)(Software)</li> <li>• 504.2 (Authoring Tool)</li> <li>• 602.3 (Support Docs)</li> </ul>	Supports	<p>Instructions for understanding and operating content do not rely on sensory characteristics. Typically, text instructions or labels are provided.</p> <p>Test method: WAVE, manual visual checks</p>
<p><b><u>1.4.1 Use of Color</u></b> (Level A)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> <li>• 9.1.4.1 (Web)</li> <li>• 10.1.4.1 (Non-web document)</li> <li>• 11.1.4.1 (Open Functionality Software)</li> <li>• 11.1.4.1 (Closed Software)</li> <li>• 11.8.2 (Authoring Tool)</li> <li>• 12.1.2 (Product Docs)</li> <li>• 12.2.4 (Support Docs)</li> </ul> <p>Revised Section 508</p> <ul style="list-style-type: none"> <li>• 501 (Web)(Software)</li> <li>• 504.2 (Authoring Tool)</li> <li>• 602.3 (Support Docs)</li> </ul>	Supports	<p>The <i>Science Online</i> database does not use color as the only visual means of conveying information, indicating an action, prompting a response, or distinguishing a visual element. For instance, most links are found in navigational regions of the website and are not in-line in the body text. Additionally, any use of color alone conveyed in links is complemented with the use of additional visual cues such as an underline upon a mouse hover or keyboard focus. These other visual cues, in turn, prevent a user from needing to rely on the user's ability to perceive colors.</p> <p>Test method: Manual visual checks</p>
<p><b><u>1.4.2 Audio Control</u></b> (Level A)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> <li>• 9.1.4.2 (Web)</li> <li>• 10.1.4.2 (Non-web document)</li> <li>• 11.1.4.2 (Open Functionality Software)</li> </ul>	Supports	<p>Videos with audio do not play automatically on the <i>Science Online</i> database. There is a mechanism available on the video player to control audio volume.</p> <p>Testing method: Manual visual checks</p>

Criteria	Conformance Level	Remarks and Explanations
<ul style="list-style-type: none"> <li>• 11.1.4.2 (Closed Software)</li> <li>• 11.8.2 (Authoring Tool)</li> <li>• 12.1.2 (Product Docs)</li> <li>• 12.2.4 (Support Docs)</li> </ul> Revised Section 508 <ul style="list-style-type: none"> <li>• 501 (Web)(Software)</li> <li>• 504.2 (Authoring Tool)</li> <li>• 602.3 (Support Docs)</li> </ul>		
<p><b>2.1.1 Keyboard</b> (Level A)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> <li>• 9.2.1.1 (Web)</li> <li>• 10.2.1.1 (Non-web document)</li> <li>• 11.2.1.1.1 (Open Functionality Software)</li> <li>• 11.2.1.1.2 (Closed Software)</li> <li>• 11.8.2 (Authoring Tool)</li> <li>• 12.1.2 (Product Docs)</li> <li>• 12.2.4 (Support Docs)</li> </ul> <p>Revised Section 508</p> <ul style="list-style-type: none"> <li>• 501 (Web)(Software)</li> <li>• 504.2 (Authoring Tool)</li> <li>• 602.3 (Support Docs)</li> </ul>	Partially Supports	<p>Almost all page functionality within the <i>Science Online</i> database is available using the keyboard.</p> <p>Some current exceptions are:</p> <ul style="list-style-type: none"> <li>• All the A-Z navigations receive the keyboard focus on a letter but do not activate with the Enter key.</li> <li>• The keyboard skips the Move and Create New Folder on the <i>My Research</i> page.</li> <li>• The keyboard skips, <i>Forget Password</i>, and <i>Create New Account</i> on the Login page.</li> <li>• <i>Conversion Calculator</i> is not keyboard accessible.</li> <li>• The interactive image tools in single image pages are not accessible with the keyboard.</li> <li>• The PDF document viewer for displaying supplemental PDFs is currently not keyboard accessible. A replacement viewer is being considered for future updates.</li> </ul> <p>Testing method: Manual visual checks</p>
<p><b>2.1.2 No Keyboard Trap</b> (Level A)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> <li>• 9.2.1.2 (Web)</li> <li>• 10.2.1.2 (Non-web document)</li> </ul>	Supports	<p>The keyboard can be used to tab through all content, and focus does not get trapped.</p> <p>Testing method: Manual visual checks</p>



Criteria	Conformance Level	Remarks and Explanations
<ul style="list-style-type: none"> <li>• 11.2.1.2 (Open Functionality Software)</li> <li>• 11.2.1.2 (Closed Software)</li> <li>• 11.8.2 (Authoring Tool)</li> <li>• 12.1.2 (Product Docs)</li> <li>• 12.2.4 (Support Docs)</li> </ul> Revised Section 508 <ul style="list-style-type: none"> <li>• 501 (Web)(Software)</li> <li>• 504.2 (Authoring Tool)</li> <li>• 602.3 (Support Docs)</li> </ul>		
<p><b>2.1.4 Character Key Shortcuts</b> (Level A 2.1 only)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> <li>• 9.2.1.4 (Web)</li> <li>• 10.2.1.4 (Non-web document)</li> <li>• 11.2.1.4.1 (Open Functionality Software)</li> <li>• 11.2.1.4.2 (Closed Software)</li> <li>• 11.8.2 (Authoring Tool)</li> <li>• 12.1.2 (Product Docs)</li> <li>• 12.2.4 (Support Docs)</li> </ul> <p>Revised Section 508 – Does not apply</p>	Not Applicable	The <i>Science Online</i> database does not use or have character key shortcuts.
<p><b>2.2.1 Timing Adjustable</b> (Level A)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> <li>• 9.2.2.1 (Web)</li> <li>• 10.2.2.1 (Non-web document)</li> <li>• 11.2.2.1 (Open Functionality Software)</li> <li>• 11.2.2.1 (Closed Software)</li> <li>• 11.8.2 (Authoring Tool)</li> <li>• 12.1.2 (Product Docs)</li> <li>• 12.2.4 (Support Docs)</li> </ul> <p>Revised Section 508</p> <ul style="list-style-type: none"> <li>• 501 (Web)(Software)</li> <li>• 504.2 (Authoring Tool)</li> <li>• 602.3 (Support Docs)</li> </ul>	Supports	<p>The <i>Science Online</i> database does not have any perceptible timed response requirements.</p> <p>Testing method: Manual visual checks</p>

Criteria	Conformance Level	Remarks and Explanations
<p><a href="#">2.2.2 Pause, Stop, Hide</a> (Level A)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> <li>• 9.2.2.2 (Web)</li> <li>• 10.2.2.2 (Non-web document)</li> <li>• 11.2.2.2 (Open Functionality Software)</li> <li>• 11.2.2.2 (Closed Software)</li> <li>• 11.8.2 (Authoring Tool)</li> <li>• 12.1.2 (Product Docs)</li> <li>• 12.2.4 (Support Docs)</li> </ul> <p>Revised Section 508</p> <ul style="list-style-type: none"> <li>• 501 (Web)(Software)</li> <li>• 504.2 (Authoring Tool)</li> <li>• 602.3 (Support Docs)</li> </ul>	Supports	<p>The <i>Science Online</i> database does not have any moving, blinking, scrolling, or auto-updating content.</p> <p>Testing method: Manual visual checks</p>
<p><a href="#">2.3.1 Three Flashes or Below Threshold</a> (Level A)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> <li>• 9.2.3.1 (Web)</li> <li>• 10.2.3.1 (Non-web document)</li> <li>• 11.2.3.1 (Open Functionality Software)</li> <li>• 11.2.3.1 (Closed Software)</li> <li>• 11.8.2 (Authoring Tool)</li> <li>• 12.1.2 (Product Docs)</li> <li>• 12.2.4 (Support Docs)</li> </ul> <p>Revised Section 508</p> <ul style="list-style-type: none"> <li>• 501 (Web)(Software)</li> <li>• 504.2 (Authoring Tool)</li> <li>• 602.3 (Support Docs)</li> </ul>	Supports	<p>The <i>Science Online</i> database does not use flashing or blinking elements in the user interface.</p> <p>Testing method: Manual visual checks</p>
<p><a href="#">2.4.1 Bypass Blocks</a> (Level A)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> <li>• 9.2.4.1 (Web)</li> <li>• 10.2.4.1 (Non-web document) – Does not apply</li> <li>• 11.2.4.1 (Open Functionality Software) – Does not apply</li> </ul>	Supports	<p>Skip to Main Content bypass link is available on all pages.</p> <p>Testing method: Manual visual checks</p>

Criteria	Conformance Level	Remarks and Explanations
<ul style="list-style-type: none"> <li>• 11.2.4.1 (Closed Software) – Does not apply</li> <li>• 11.8.2 (Authoring Tool)</li> <li>• 12.1.2 (Product Docs)</li> <li>• 12.2.4 (Support Docs)</li> </ul> Revised Section 508 <ul style="list-style-type: none"> <li>• 501 (Web)(Software) – Does not apply to non-web software</li> <li>• 504.2 (Authoring Tool)</li> <li>• 602.3 (Support Docs) – Does not apply to non-web docs</li> </ul>		
<p><b>2.4.2 Page Titled</b> (Level A)</p> <p>Also applies to: EN 301 549 Criteria</p> <ul style="list-style-type: none"> <li>• 9.2.4.2 (Web)</li> <li>• 10.2.4.2 (Non-web document)</li> <li>• 11.2.4.2 (Open Functionality Software) - Does not apply</li> <li>• 11.2.4.2 (Closed Software) – Does not apply</li> <li>• 11.8.2 (Authoring Tool)</li> <li>• 12.1.2 (Product Docs)</li> <li>• 12.2.4 (Support Docs)</li> </ul> Revised Section 508 <ul style="list-style-type: none"> <li>• 501 (Web)(Software)</li> <li>• 504.2 (Authoring Tool)</li> <li>• 602.3 (Support Docs)</li> </ul>	Supports	<p>All web pages include titles that describe the topic or purpose.</p> <p>Testing method: WAVE, manual visual and code checks</p>
<p><b>2.4.3 Focus Order</b> (Level A)</p> <p>Also applies to: EN 301 549 Criteria</p> <ul style="list-style-type: none"> <li>• 9.2.4.3 (Web)</li> <li>• 10.2.4.3 (Non-web document)</li> <li>• 11.2.4.3 (Open Functionality Software)</li> <li>• 11.2.4.3 (Closed Software)</li> <li>• 11.8.2 (Authoring Tool)</li> <li>• 12.1.2 (Product Docs)</li> <li>• 12.2.4 (Support Docs)</li> </ul> Revised Section 508 <ul style="list-style-type: none"> <li>• 501 (Web)(Software)</li> </ul>	Supports	<p>Navigation order of links, form elements, and object elements are all in logical and intuitive keyboard focus order.</p> <p>Testing method: WAVE, JAWS, Manual visual and code checks</p>

Criteria	Conformance Level	Remarks and Explanations
<ul style="list-style-type: none"> <li>504.2 (Authoring Tool)</li> <li>602.3 (Support Docs)</li> </ul>		
<p><b>2.4.4 Link Purpose (In Context)</b> (Level A)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> <li>9.2.4.4 (Web)</li> <li>10.2.4.4 (Non-web document)</li> <li>11.2.4.4 (Open Functionality Software)</li> <li>11.2.4.4 (Closed Software)</li> <li>11.8.2 (Authoring Tool)</li> <li>12.1.2 (Product Docs)</li> <li>12.2.4 (Support Docs)</li> </ul> <p>Revised Section 508</p> <ul style="list-style-type: none"> <li>501 (Web)(Software)</li> <li>504.2 (Authoring Tool)</li> <li>602.3 (Support Docs)</li> </ul>	Partially Supports	<p>The purpose of links can usually be determined by text alone or by its context to a surrounding paragraph or list.</p> <p>Some current exceptions where the purpose of a link is not programmatic or determined are:</p> <ul style="list-style-type: none"> <li><i>View All</i> links on the home page sliders.</li> <li>Navigation links near the bottom of a search results page.</li> </ul> <p>Testing method: WAVE, JAWS, manual visual checks</p>
<p><b>2.5.1 Pointer Gestures</b> (Level A 2.1 only)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> <li>9.2.5.1 (Web)</li> <li>10.2.5.1 (Non-web document)</li> <li>11.2.5.1 (Open Functionality Software)</li> <li>11.2.5.1 (Closed Software)</li> <li>11.8.2 (Authoring Tool)</li> <li>12.1.2 (Product Docs)</li> <li>12.2.4 (Support Docs)</li> </ul> <p>Revised Section 508 – Does not apply</p>	Not Applicable	<p>The <i>Science Online</i> database does not have any multipoint or path-based gestures interaction elements.</p>
<p><b>2.5.2 Pointer Cancellation</b> (Level A 2.1 only)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> <li>9.2.5.2 (Web)</li> <li>10.2.5.2 (Non-web document)</li> <li>11.2.5.2 (Open Functionality Software)</li> <li>11.2.5.2 (Closed Software)</li> </ul>	Supports	<p>The <i>Science Online</i> database does not override the default behavior of controls. Therefore, functionality used by a mouse, for instance, can be canceled using the browser or operating system.</p> <p>Testing method: Manual visual checks</p>

Criteria	Conformance Level	Remarks and Explanations
<ul style="list-style-type: none"> <li>• 11.8.2 (Authoring Tool)</li> <li>• 12.1.2 (Product Docs)</li> <li>• 12.2.4 (Support Docs)</li> </ul> Revised Section 508 – Does not apply		
<p><b>2.5.3 Label in Name</b> (Level A 2.1 only)</p> Also applies to: EN 301 549 Criteria <ul style="list-style-type: none"> <li>• 9.2.5.3 (Web)</li> <li>• 10.2.5.3 (Non-web document)</li> <li>• 11.2.5.3.1 (Open Functionality Software)</li> <li>• 11.2.5.3.2 (Closed Software)</li> <li>• 11.8.2 (Authoring Tool)</li> <li>• 12.1.2 (Product Docs)</li> <li>• 12.2.4 (Support Docs)</li> </ul> Revised Section 508 – Does not apply	Partially Supports	Interface components such as links or buttons have the same accessible name as the visible text. Current exceptions may include empty and missing labels or ids in directional arrow links and page tool modals.  Testing method: Manual visual checks
<p><b>2.5.4 Motion Actuation</b> (Level A 2.1 only)</p> Also applies to: EN 301 549 Criteria <ul style="list-style-type: none"> <li>• 9.2.5.4 (Web)</li> <li>• 10.2.5.4 (Non-web document)</li> <li>• 11.2.5.4 (Open Functionality Software)</li> <li>• 11.2.5.4 (Closed Software)</li> <li>• 11.8.2 (Authoring Tool)</li> <li>• 12.1.2 (Product Docs)</li> <li>• 12.2.4 (Support Docs)</li> </ul> Revised Section 508 – Does not apply	Not Applicable	The <i>Science Online</i> database does not have any functionality that can be operated by device motion or user motion.
<p><b>3.1.1 Language of Page</b> (Level A)</p> Also applies to: EN 301 549 Criteria <ul style="list-style-type: none"> <li>• 9.3.1.1 (Web)</li> <li>• 10.3.1.1 (Non-web document)</li> <li>• 11.3.1.1.1 (Open Functionality Software)</li> <li>• 11.3.1.1.2 (Closed Software)</li> <li>• 11.8.2 (Authoring Tool)</li> </ul>	Supports	The default language of each page in the platform can be programmatically determined. HTML language attributes <code>&lt;html ... lang="en"&gt;</code> is present in all pages.  Testing method: WAVE, manual visual and code checks

Criteria	Conformance Level	Remarks and Explanations
<ul style="list-style-type: none"> <li>• 12.1.2 (Product Docs)</li> <li>• 12.2.4 (Support Docs)</li> </ul> Revised Section 508 <ul style="list-style-type: none"> <li>• 501 (Web)(Software)</li> <li>• 504.2 (Authoring Tool)</li> <li>• 602.3 (Support Docs)</li> </ul>		
<b>3.2.1 On Focus</b> (Level A) Also applies to: EN 301 549 Criteria <ul style="list-style-type: none"> <li>• 9.3.2.1 (Web)</li> <li>• 10.3.2.1 (Non-web document)</li> <li>• 11.3.2.1 (Open Functionality Software)</li> <li>• 11.3.2.1 (Closed Software)</li> <li>• 11.8.2 (Authoring Tool)</li> <li>• 12.1.2 (Product Docs)</li> <li>• 12.2.4 (Support Docs)</li> </ul> Revised Section 508 <ul style="list-style-type: none"> <li>• 501 (Web)(Software)</li> <li>• 504.2 (Authoring Tool)</li> <li>• 602.3 (Support Docs)</li> </ul>	Supports	Page elements upon focus do not change substantially on the page. No interference occurs.  Testing method: Manual visual checks
<b>3.2.2 On Input</b> (Level A) Also applies to: EN 301 549 Criteria <ul style="list-style-type: none"> <li>• 9.3.2.2 (Web)</li> <li>• 10.3.2.2 (Non-web document)</li> <li>• 11.3.2.2 (Open Functionality Software)</li> <li>• 11.3.2.2 (Closed Software)</li> <li>• 11.8.2 (Authoring Tool)</li> <li>• 12.1.2 (Product Docs)</li> <li>• 12.2.4 (Support Docs)</li> </ul> Revised Section 508 <ul style="list-style-type: none"> <li>• 501 (Web)(Software)</li> <li>• 504.2 (Authoring Tool)</li> <li>• 602.3 (Support Docs)</li> </ul>	Supports	User inputs and controls are predictable. There are no substantial changes to pages during the input of information that could confuse or disorient a user.  Testing method: WAVE, Manual visual checks

Criteria	Conformance Level	Remarks and Explanations
<p><b>3.3.1 Error Identification</b> (Level A)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> <li>• 9.3.3.1 (Web)</li> <li>• 10.3.3.1 (Non-web document)</li> <li>• 11.3.3.1.1 (Open Functionality Software)</li> <li>• 11.3.3.1.2 (Closed Software)</li> <li>• 11.8.2 (Authoring Tool)</li> <li>• 12.1.2 (Product Docs)</li> <li>• 12.2.4 (Support Docs)</li> </ul> <p>Revised Section 508</p> <ul style="list-style-type: none"> <li>• 501 (Web)(Software)</li> <li>• 504.2 (Authoring Tool)</li> <li>• 602.3 (Support Docs)</li> </ul>	Partially Supports	<p>When input errors are detected, the item causing the error is identified, and the error is described in the text on the screen, but it is not read aloud by a screen reader or assistive technology.</p> <p>Testing method: Manual visual checks</p>
<p><b>3.3.2 Labels or Instructions</b> (Level A)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> <li>• 9.3.3.2 (Web)</li> <li>• 10.3.3.2 (Non-web document)</li> <li>• 11.3.3.2 (Open Functionality Software)</li> <li>• 11.3.3.2 (Closed Software)</li> <li>• 11.8.2 (Authoring Tool)</li> <li>• 12.1.2 (Product Docs)</li> <li>• 12.2.4 (Support Docs)</li> </ul> <p>Revised Section 508</p> <ul style="list-style-type: none"> <li>• 501 (Web)(Software)</li> <li>• 504.2 (Authoring Tool)</li> <li>• 602.3 (Support Docs)</li> </ul>	Partially Supports	<p>Content that requires user input may not always be appropriately labeled according to accessibility guidelines. Additionally, some labels or instructions displayed as text on the screen may not always be automatically read aloud by a screen reader or assistive technology.</p> <p>Testing method: Manual visual checks</p>
<p><b>4.1.1 Parsing</b> (Level A)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> <li>• 9.4.1.1 (Web)</li> <li>• 10.4.1.1 (Non-web document)</li> <li>• 11.4.1.1.1 (Open Functionality Software)</li> </ul>	Supports	<p>All pages conform to modern HTML/XHTML web standards. The validator: <a href="https://validator.w3.org/">https://validator.w3.org/</a> found some minor parsing errors, but not significant enough to affect the accessibility of the <i>Science Online</i> database.</p> <p>Testing method: WAVE, validator.w3.org, manual visual</p>

Criteria	Conformance Level	Remarks and Explanations
<ul style="list-style-type: none"> <li>11.4.1.1.2 (Closed Software) – Does not apply</li> <li>11.8.2 (Authoring Tool)</li> <li>12.1.2 (Product Docs)</li> <li>12.2.4 (Support Docs)</li> </ul> Revised Section 508 <ul style="list-style-type: none"> <li>501 (Web)(Software)</li> <li>504.2 (Authoring Tool)</li> <li>602.3 (Support Docs)</li> </ul>		checks
<p><a href="#">4.1.2 Name, Role, Value</a> (Level A)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> <li>9.4.1.2 (Web)</li> <li>10.4.1.2 (Non-web document)</li> <li>11.4.1.2.1 (Open Functionality Software)</li> <li>11.4.1.2.2 (Closed Software) – Not required</li> <li>11.8.2 (Authoring Tool)</li> <li>12.1.2 (Product Docs)</li> <li>12.2.4 (Support Docs)</li> </ul> <p>Revised Section 508</p> <ul style="list-style-type: none"> <li>501 (Web)(Software)</li> <li>504.2 (Authoring Tool)</li> <li>602.3 (Support Docs)</li> </ul>	Partially Supports	<p>Updates to the HTML markup and the WAI-ARIA attributes are needed to better facilitate accessibility within the <i>Science Online</i> database. While the database is regularly updated to conform to many accessibility standards and guidelines, some legacy components not designed with accessibility in mind still appear throughout the site. Therefore, form elements, links, and components generated by scripts may be missing the name, role, or value attributes that work better with assistive technology.</p> <p>Testing method: WAVE, validator.w3.org, HTML_CodeSniffer, manual visual checks.</p>

## Table 2: Success Criteria, Level AA

Notes: Content in the *Science Online* database comes from a variety of sources. Most images on the site have alternative text applied to them. However, standalone images accessed via search do not display alternative text for assistive technology, such as a screen-reader. The main reason is a soon-to-be-replaced third-party plugin used initially to view the images more dynamically is blocking assistive technology from accessing the programmatic information of the images. Additionally, and only in the *Science Online* database, are additional educational support materials such as diagrams and in-class science experiments for PDF download. These supplemental documents and a small number of interactive multimedia items may or may not meet current accessibility standards.

Criteria	Conformance Level	Remarks and Explanations
<a href="#">1.2.4 Captions (Live)</a> (Level AA)	Supports	There is no live content in the <i>Science Online</i> database.



Criteria	Conformance Level	Remarks and Explanations
<p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> <li>• 9.1.2.4 (Web)</li> <li>• 10.1.2.4 (Non-web document)</li> <li>• 11.1.2.4 (Open Functionality Software)</li> <li>• 11.1.2.4 (Closed Software)</li> <li>• 11.8.2 (Authoring Tool)</li> <li>• 12.1.2 (Product Docs)</li> <li>• 12.2.4 (Support Docs)</li> </ul> <p>Revised Section 508</p> <ul style="list-style-type: none"> <li>• 501 (Web)(Software)</li> <li>• 504.2 (Authoring Tool)</li> <li>• 602.3 (Support Docs)</li> </ul>		<p>Since there is no content to which this criterion applies, this criterion is satisfied.</p> <p>Testing method: Manual visual checks</p>
<p><a href="#">1.2.5 Audio Description (Prerecorded)</a> (Level AA)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> <li>• 9.1.2.5 (Web)</li> <li>• 10.1.2.5 (Non-web document)</li> <li>• 11.1.2.5 (Open Functionality Software)</li> <li>• 11.1.2.5 (Closed Software)</li> <li>• 11.8.2 (Authoring Tool)</li> <li>• 12.1.2 (Product Docs)</li> <li>• 12.2.4 (Support Docs)</li> </ul> <p>Revised Section 508</p> <ul style="list-style-type: none"> <li>• 501 (Web)(Software)</li> <li>• 504.2 (Authoring Tool)</li> <li>• 602.3 (Support Docs)</li> </ul>	Partially Supports	<p>We do not provide audio descriptions for prerecorded videos in the <i>Science Online</i> database. However, closed captioning and interactive transcripts are available for most videos.</p> <p>Testing method: Manual visual checks</p>
<p><a href="#">1.3.4 Orientation</a> (Level AA 2.1 only)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> <li>• 9.1.3.4 (Web)</li> <li>• 10.1.3.4 (Non-web document)</li> <li>• 11.1.3.4 (Open Functionality Software)</li> <li>• 11.1.3.4 (Closed Software)</li> </ul>	Supports	<p>The <i>Science Online</i> database orientation on mobile devices is not restricted to portrait or landscape.</p> <p>Testing method: Apple iPad, Manual visual checks</p>

Criteria	Conformance Level	Remarks and Explanations
<ul style="list-style-type: none"> <li>• 11.8.2 (Authoring Tool)</li> <li>• 12.1.2 (Product Docs)</li> <li>• 12.2.4 (Support Docs)</li> </ul> Revised Section 508 – Does not apply		
<p><b>1.3.5 Identify Input Purpose</b> (Level AA 2.1 only)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> <li>• 9.1.3.5 (Web)</li> <li>• 10.1.3.5 (Non-web document)</li> <li>• 11.1.3.5.1 (Open Functionality Software)</li> <li>• 11.1.3.5.2 (Closed Software)</li> <li>• 11.8.2 (Authoring Tool)</li> <li>• 12.1.2 (Product Docs)</li> <li>• 12.2.4 (Support Docs)</li> </ul> Revised Section 508 – Does not apply	Partially Supports	<p>The <i>Science Online</i> database allows standard user interface components such as contact forms to auto-fill in the fields for usernames, passwords, and e-mail addresses. Some form fields may not have appropriate autocomplete values at this time.</p> <p>Testing method: Manual visual checks</p>
<p><b>1.4.3 Contrast (Minimum)</b> (Level AA)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> <li>• 9.1.4.3 (Web)</li> <li>• 10.1.4.3 (Non-web document)</li> <li>• 11.1.4.3 (Open Functionality Software)</li> <li>• 11.1.4.3 (Closed Software)</li> <li>• 11.8.2 (Authoring Tool)</li> <li>• 12.1.2 (Product Docs)</li> <li>• 12.2.4 (Support Docs)</li> </ul> <p>Revised Section 508</p> <ul style="list-style-type: none"> <li>• 501 (Web)(Software)</li> <li>• 504.2 (Authoring Tool)</li> <li>• 602.3 (Support Docs)</li> </ul>	Supports	<p>All foreground/background color combinations used for text on the page have a contrast ratio of at least 4.5:1 / 3:1 for large text.</p> <p>Testing method: WAVE, Colour Contrast Analyser, and manual visual checks</p>
<p><b>1.4.4 Resize text</b> (Level AA)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> <li>• 9.1.4.4 (Web)</li> <li>• 10.1.4.4 (Non-web document)</li> </ul>	Supports	<p>Text, including captions, can be resized up to 200 percent without loss of content or functionality.</p> <p>Testing method: Manual visual checks</p>

Criteria	Conformance Level	Remarks and Explanations
<ul style="list-style-type: none"> <li>• 11.1.4.4.1 (Open Functionality Software)</li> <li>• 11.1.4.4.2 (Closed Software)</li> <li>• 11.8.2 (Authoring Tool)</li> <li>• 12.1.2 (Product Docs)</li> <li>• 12.2.4 (Support Docs)</li> </ul> Revised Section 508 <ul style="list-style-type: none"> <li>• 501 (Web)(Software)</li> <li>• 504.2 (Authoring Tool)</li> <li>• 602.3 (Support Docs)</li> </ul>		
<p><b>1.4.5 Images of Text</b> (Level AA)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> <li>• 9.1.4.5 (Web)</li> <li>• 10.1.4.5 (Non-web document)</li> <li>• 11.1.4.5.1 (Open Functionality Software)</li> <li>• 11.1.4.5.2 (Closed Software) – Does not apply</li> <li>• 11.8.2 (Authoring Tool)</li> <li>• 12.1.2 (Product Docs)</li> <li>• 12.2.4 (Support Docs)</li> </ul> Revised Section 508 <ul style="list-style-type: none"> <li>• 501 (Web)(Software)</li> <li>• 504.2 (Authoring Tool)</li> <li>• 602.3 (Support Docs)</li> </ul>	Supports	<p>Images of text are not generally used and not found during testing.</p> <p>Testing method: Manual visual checks</p>
<p><b>1.4.10 Reflow</b> (Level AA 2.1 only)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> <li>• 9.1.4.10 (Web)</li> <li>• 10.1.4.10 (Non-web document)</li> <li>• 11.1.4.10 (Open Functionality Software)</li> <li>• 11.1.4.10 (Closed Software)</li> <li>• 11.8.2 (Authoring Tool)</li> <li>• 12.1.2 (Product Docs)</li> <li>• 12.2.4 (Support Docs)</li> </ul> Revised Section 508 – Does not apply	Does Not Support	<p>The <i>Science Online</i> database has limited responsiveness to content zoom and various screen sizes. Loss of information or functionality may occur when screen sizes are zoomed in at 400%.</p> <p>Testing method: Manual visual checks</p>

Criteria	Conformance Level	Remarks and Explanations
<p><a href="#">1.4.11 Non-text Contrast</a> (Level AA 2.1 only)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> <li>• 9.1.4.11 (Web)</li> <li>• 10.1.4.11 (Non-web document)</li> <li>• 11.1.4.11 (Open Functionality Software)</li> <li>• 11.1.4.11 (Closed Software)</li> <li>• 11.8.2 (Authoring Tool)</li> <li>• 12.1.2 (Product Docs)</li> <li>• 12.2.4 (Support Docs)</li> </ul> <p>Revised Section 508 – Does not apply</p>	Partially Supports	<p>The <i>Online Science</i> database uses complex images as supplemental content. These images help illustrate the themes and main points of the articles. It is, therefore, possible many complex images may have insufficient contrast. Examples of complex images may include charts, graphs, diagrams, and maps.</p> <p>Testing method: Colour Contrast Analyser and manual visual checks</p>
<p><a href="#">1.4.12 Text Spacing</a> (Level AA 2.1 only)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> <li>• 9.1.4.12 (Web)</li> <li>• 10.1.4.12 (Non-web document)</li> <li>• 11.1.4.12 (Open Functionality Software)</li> <li>• 11.1.4.12 (Closed Software)</li> <li>• 11.8.2 (Authoring Tool)</li> <li>• 12.1.2 (Product Docs)</li> <li>• 12.2.4 (Support Docs)</li> </ul> <p>Revised Section 508 – Does not apply</p>	Does Not Support	<p>The <i>Science Online</i> database has limited responsiveness to changing text spacing and line-height. The site uses fixed height or width containers that may cause clipped text or headings if space changes occur.</p> <p>Testing method: Manual visual checks</p>
<p><a href="#">1.4.13 Content on Hover or Focus</a> (Level AA 2.1 only)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> <li>• 9.1.4.13 (Web)</li> <li>• 10.1.4.13 (Non-web document)</li> <li>• 11.1.4.13 (Open Functionality Software)</li> <li>• 11.1.4.13 (Closed Software)</li> <li>• 11.8.2 (Authoring Tool)</li> <li>• 12.1.2 (Product Docs)</li> <li>• 12.2.4 (Support Docs)</li> </ul> <p>Revised Section 508 – Does not apply</p>	Supports	<p>The <i>Science Online</i> database does not have additional content that is presented on hover or keyboard focus.</p> <p>Testing method: Manual visual checks</p>
<p><a href="#">2.4.5 Multiple Ways</a> (Level AA)</p> <p>Also applies to:</p>	Supports	<p>There are multiple ways to reach core content, including search, browsing, and direct links. The main navigation</p>

Criteria	Conformance Level	Remarks and Explanations
<p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> <li>• 9.2.4.5 (Web)</li> <li>• 10.2.4.5 (Non-web document) – Does not apply</li> <li>• 11.2.4.5 (Open Functionality Software) – Does not apply</li> <li>• 11.2.4.5 (Closed Software) – Does not apply</li> <li>• 11.8.2 (Authoring Tool)</li> <li>• 12.1.2 (Product Docs)</li> <li>• 12.2.4 (Support Docs)</li> </ul> <p>Revised Section 508</p> <ul style="list-style-type: none"> <li>• 501 (Web)(Software) – Does not apply to non-web software</li> <li>• 504.2 (Authoring Tool)</li> <li>• 602.3 (Support Docs) – Does not apply to non-web docs</li> </ul>		<p>area is always available on every page.</p> <p>Testing method: Manual visual checks</p>
<p><a href="#">2.4.6 Headings and Labels</a> (Level AA)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> <li>• 9.2.4.6 (Web)</li> <li>• 10.2.4.6 (Non-web document)</li> <li>• 11.2.4.6 (Open Functionality Software)</li> <li>• 11.2.4.6 (Closed Software)</li> <li>• 11.8.2 (Authoring Tool)</li> <li>• 12.1.2 (Product Docs)</li> <li>• 12.2.4 (Support Docs)</li> </ul> <p>Revised Section 508</p> <ul style="list-style-type: none"> <li>• 501 (Web)(Software)</li> <li>• 504.2 (Authoring Tool)</li> <li>• 602.3 (Support Docs)</li> </ul>	Supports	<p>Heading structures and form labels are informative and compliant with accessibility standards.</p> <p>Testing method: WAVE, JAWS, manual visual checks</p>
<p><a href="#">2.4.7 Focus Visible</a> (Level AA)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> <li>• 9.2.4.7 (Web)</li> <li>• 10.2.4.7 (Non-web document)</li> <li>• 11.2.4.7 (Open Functionality Software)</li> <li>• 11.2.4.7 (Closed Software)</li> <li>• 11.8.2 (Authoring Tool)</li> </ul>	Supports	<p>The keyboard focus indicator is visible on all page elements throughout the platform.</p> <p>Testing method: Manual visual checks</p>

Criteria	Conformance Level	Remarks and Explanations
<ul style="list-style-type: none"> <li>• 12.1.2 (Product Docs)</li> <li>• 12.2.4 (Support Docs)</li> </ul> Revised Section 508 <ul style="list-style-type: none"> <li>• 501 (Web)(Software)</li> <li>• 504.2 (Authoring Tool)</li> <li>• 602.3 (Support Docs)</li> </ul>		
<b>3.1.2 Language of Parts</b> (Level AA) Also applies to: EN 301 549 Criteria <ul style="list-style-type: none"> <li>• 9.3.1.2 (Web)</li> <li>• 10.3.1.2 (Non-web document)</li> <li>• 11.3.1.2 (Open Functionality Software) – Does not apply</li> <li>• 11.3.1.2 (Closed Software) – Does not apply</li> <li>• 11.8.2 (Authoring Tool)</li> <li>• 12.1.2 (Product Docs)</li> <li>• 12.2.4 (Support Docs)</li> </ul> Revised Section 508 <ul style="list-style-type: none"> <li>• 501 (Web)(Software)</li> <li>• 504.2 (Authoring Tool)</li> <li>• 602.3 (Support Docs)</li> </ul>	Supports	<p>There is no non-English content on the <i>Science Online</i> database. Since there is no content to which this criterion applies, this criterion is satisfied.</p> <p>Testing method: Manual visual checks</p>
<b>3.2.3 Consistent Navigation</b> (Level AA) Also applies to: EN 301 549 Criteria <ul style="list-style-type: none"> <li>• 9.3.2.3 (Web)</li> <li>• 10.3.2.3 (Non-web document) – Does not apply</li> <li>• 11.3.2.3 (Open Functionality Software) – Does not apply</li> <li>• 11.3.2.3 (Closed Software) – Does not apply</li> <li>• 11.8.2 (Authoring Tool)</li> <li>• 12.1.2 (Product Docs)</li> <li>• 12.2.4 (Support Docs)</li> </ul> Revised Section 508 <ul style="list-style-type: none"> <li>• 501 (Web)(Software) – Does not apply to non-web software</li> <li>• 504.2 (Authoring Tool)</li> <li>• 602.3 (Support Docs) – Does not apply to non-web docs</li> </ul>	Supports	<p>The repeated navigational mechanisms, such as top navigations and search options, always happen in the same relative order.</p> <p>Testing method: Manual visual checks</p>

Criteria	Conformance Level	Remarks and Explanations
<p><b><u>3.2.4 Consistent Identification</u></b> (Level AA)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> <li>• 9.3.2.4 (Web)</li> <li>• 10.3.2.4 (Non-web document) – Does not apply</li> <li>• 11.3.2.4 (Open Functionality Software) – Does not apply</li> <li>• 11.3.2.4 (Closed Software) – Does not apply</li> <li>• 11.8.2 (Authoring Tool)</li> <li>• 12.1.2 (Product Docs)</li> <li>• 12.2.4 (Support Docs)</li> </ul> <p>Revised Section 508</p> <ul style="list-style-type: none"> <li>• 501 (Web)(Software) – Does not apply to non-web software</li> <li>• 504.2 (Authoring Tool)</li> <li>• 602.3 (Support Docs) – Does not apply to non-web docs</li> </ul>	Supports	<p>Components with the same functionality are always identified the same way within the platform.</p> <p>Testing method: Manual visual checks</p>
<p><b><u>3.3.3 Error Suggestion</u></b> (Level AA)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> <li>• 9.3.3.3 (Web)</li> <li>• 10.3.3.3 (Non-web document)</li> <li>• 11.3.3.3 (Open Functionality Software)</li> <li>• 11.3.3.3 (Closed Software)</li> <li>• 11.8.2 (Authoring Tool)</li> <li>• 12.1.2 (Product Docs)</li> <li>• 12.2.4 (Support Docs)</li> </ul> <p>Revised Section 508</p> <ul style="list-style-type: none"> <li>• 501 (Web)(Software)</li> <li>• 504.2 (Authoring Tool)</li> <li>• 602.3 (Support Docs)</li> </ul>	Supports	<p>When an input error is detected, a suggestion is given to correct the mistake. For example, an incorrectly entered date recommends the user to re-enter the information into the correct format.</p> <p>Testing method: Manual visual checks</p>
<p><b><u>3.3.4 Error Prevention (Legal, Financial, Data)</u></b> (Level AA)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> <li>• 9.3.3.4 (Web)</li> <li>• 10.3.3.4 (Non-web document)</li> <li>• 11.3.3.4 (Open Functionality Software)</li> </ul>	Supports	<p>The <i>Science Online</i> database does not conduct legal commitments or financial transactions on its platform. Since there is no content to which this criterion applies, this criterion is satisfied.</p> <p>Testing method: Manual visual checks</p>

Criteria	Conformance Level	Remarks and Explanations
<ul style="list-style-type: none"> <li>11.3.3.4 (Closed Software)</li> <li>11.8.2 (Authoring Tool)</li> <li>12.1.2 (Product Docs)</li> <li>12.2.4 (Support Docs)</li> </ul> Revised Section 508 <ul style="list-style-type: none"> <li>501 (Web)(Software)</li> <li>504.2 (Authoring Tool)</li> <li>602.3 (Support Docs)</li> </ul>		
<p><b>4.1.3 Status Messages</b> (Level AA 2.1 only)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> <li>9.4.1.3 (Web)</li> <li>10.4.1.3 (Non-web document)</li> <li>11.4.1.3 (Open Functionality Software)</li> <li>11.4.1.3 (Closed Software) – Does not apply</li> <li>11.8.2 (Authoring Tool)</li> <li>12.1.2 (Product Docs)</li> <li>12.2.4 (Support Docs)</li> </ul> <p>Revised Section 508 – Does not apply</p>	Supports	<p>Components with the same functionality are always identified the same way within the platform.</p> <p>Testing method: Manual visual checks</p>

### Table 3: Success Criteria, Level AAA

Notes: The *Science Online* database is not being evaluated for Level AAA conformance.

## Revised Section 508 Report

### Chapter 3: [Functional Performance Criteria \(FPC\)](#)

Criteria	Conformance Level	Remarks and Explanations
302.1 Without Vision	Partially Supports	The <i>Science Online</i> database content is accessible with Assistive Technology (AT), such as JAWS or NVDA screen reader applications.



Criteria	Conformance Level	Remarks and Explanations
		Exceptions: <ul style="list-style-type: none"> <li>Some AT keyboard controls could interfere with some of the scrolling mechanisms within the content display areas, for instance, with image slideshows.</li> </ul>
302.2 With Limited Vision	Partially Supports	The <i>Science Online</i> database supports browser magnification up to 200%. Additionally, content is generally accessible with AT and does not interfere with controls provided by the operating system, such as high contrast mode.
302.3 Without Perception of Color	Supports	Color may be used to emphasize or highlight specific links or controls, but it is usually in addition to other visual cues.
302.4 Without Hearing	Supports	The <i>Science Online</i> database video player supports closed captioning and has interactive transcripts. When transcripts are available, the transcripts are downloadable into a separate PDF.
302.5 With Limited Hearing	Supports	The <i>Science Online</i> database video player supports closed captioning and has interactive transcripts. When transcripts are available, the transcripts are downloadable into a separate PDF.
302.6 Without Speech	Not Applicable	The use of speech is not required to access content on the site.
302.7 With Limited Manipulation	Supports	The <i>Science Online</i> database supports standard input mechanisms such as keyboard navigation.
302.8 With Limited Reach and Strength	Supports	The <i>Science Online</i> database supports standard input mechanisms such as keyboard navigation.
302.9 With Limited Language, Cognitive, and Learning Abilities	Supports	The <i>Science Online</i> database has no timed response limits. Also, the website gives error indications where needed, has logical keyboard navigation, and the tab focus order and functionality are the same across the platform.

## Chapter 4: [Hardware](#)

Notes: The *Science Online* database is a website and is not subject to the requirement of this section.

## Chapter 5: [Software](#)

Notes: The *Science Online* database is a web-only platform and is not subject to non-web software criteria since it has been addressed in the above WCAG and Revised Section 508 conformance tables.

## Chapter 6: [Support Documentation and Services](#)

Criteria	Conformance Level	Remarks and Explanations
<b>601.1 Scope</b>	Heading cell – no response required	Heading cell – no response required
<b><a href="#">602 Support Documentation</a></b>	Heading cell – no response required	Heading cell – no response required
602.2 Accessibility and Compatibility Features	Supports	Documentation of accessibility and compatibility features is available in the platform help center.
602.3 Electronic Support Documentation	See <a href="#">WCAG 2.1</a> section	See information in WCAG 2.1 section
602.4 Alternate Formats for Non-Electronic Support Documentation	Supports	All support documentation is available electronically or can be printed. If alternate documentation formats are required, they can be made available upon request.
<b><a href="#">603 Support Services</a></b>	Heading cell – no response required	Heading cell – no response required
603.2 Information on Accessibility and Compatibility Features	Supports	Documentation of accessibility and compatibility features is available in the platform help center. Support is also provided over e-mail, telephone, and live chat.
603.3 Accommodation of Communication Needs	Supports	The <i>Science Online</i> database support team can be contacted for assistance via e-mail, phone, or live chat. In addition, other methods can be made available upon request.

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## Chapter 4: [Functional Performance Statements \(FPS\)](#)

Criteria	Conformance Level	Remarks and Explanations
4.2.1 Usage without vision	Partially Supports	<p>The <i>Science Online</i> database content is accessible with Assistive Technology (AT), such as JAWS or NVDA screen reader applications.</p> <p>Exceptions:</p> <ul style="list-style-type: none"><li>• Some AT keyboard controls could interfere with some of the scrolling mechanisms within the content display areas, for instance, with image slideshows.</li></ul>
4.2.2 Usage with limited vision	Partially Supports	<p>The <i>Science Online</i> database supports browser magnification up to 200%. Additionally, content is generally accessible with AT and does not interfere with controls provided by the operating system, such as high contrast mode.</p>
4.2.3 Usage without perception of colour	Supports	<p>Color may be used to emphasize or highlight specific links or controls, but it is usually in addition to other visual cues.</p>
4.2.4 Usage without hearing	Supports	<p>The <i>Science Online</i> database video player supports closed captioning and has interactive transcripts. When transcripts are available, the transcripts are downloadable into a separate PDF.</p>
4.2.5 Usage with limited hearing	Supports	<p>The <i>Science Online</i> database video player supports closed captioning and has interactive transcripts. When transcripts are available, the transcripts are downloadable into a separate PDF.</p>
4.2.6 Usage with no or limited vocal capability	Not Applicable	<p>The use of speech is not required to access content on the site.</p>
4.2.7 Usage with limited manipulation or strength	Supports	<p>The <i>Science Online</i> database supports standard input mechanisms such as keyboard navigation.</p>

Criteria	Conformance Level	Remarks and Explanations
4.2.8 Usage with limited reach	Supports	The <i>Science Online</i> database supports standard input mechanisms such as keyboard navigation.
4.2.9 Minimize photosensitive seizure triggers	Supports	The pages of this product do not contain anything that flashes.
4.2.10 Usage with limited cognition, language or learning	Supports	The <i>Science Online</i> database has no timed response limits. Also, the website gives error indications where needed, has logical keyboard navigation, and the tab focus order and functionality are the same across the platform.
4.2.11 Privacy	Supports	The <i>Science Online</i> database does not stop users from using their own privacy tools when interacting with the content.

## Chapter 5: [Generic Requirements](#)

Notes: The *Science Online* database supports standard input mechanisms and assistive technology devices and software. Therefore, the *Science Online* database supports is not subject to the criteria standards of this chapter as published in the ETSI EN 301 549 report.

## Chapter 6: [ICT with Two-Way Voice Communication](#)

Notes: The *Science Online* database does not offer two-way voice communication in any way. Therefore, the *Science Online* database is not subject to the criteria standards of this chapter as published in the ETSI EN 301 549 report.

## Chapter 7: [ICT with Video Capabilities](#)

Criteria	Conformance Level	Remarks and Explanations
<b>7.1 Caption processing technology</b>	Heading cell – no response required	Heading cell – no response required
7.1.1 Captioning playback	Supports	The <i>Science Online</i> database video player supports closed captions and interactive transcripts.
7.1.2 Captioning synchronization	Supports	The <i>Science Online</i> database video player supports closed captions and interactive transcripts.
7.1.3 Preservation of captioning	Supports	For video captions hosted by Infobase, the default caption display's appearance is not overridden or changed in any way.

Criteria	Conformance Level	Remarks and Explanations
7.1.4 Captions characteristics	Does Not Support	The <i>Science Online</i> database video player settings don't allow customization of captions display.
7.1.5 Spoken subtitles	Does Not Support	Spoken subtitles are not available programmatically for non-English or foreign language videos.
7.2.1 Audio description playback	Does Not Support	Audio descriptions are not included with the <i>Science Online</i> database videos.
7.2.2 Audio description synchronization	Does Not Support	Audio descriptions are not included with the <i>Science Online</i> database videos.
7.2.3 Preservation of audio description	Does Not Support	Audio descriptions are not included with the <i>Science Online</i> database videos.
7.3 User controls for captions and audio description	Partially Supports	Audio descriptions are not included with the <i>Science Online</i> database videos. However, text transcripts (when available) of the <i>Science Online</i> database videos are available for download at the same level as other playback controls or within the web page's video player region.

## Chapter [8: Hardware](#)

Notes: The *Science Online* database is a website and is not subject to the requirement of this section.

## Chapter [9: Web](#) (see [WCAG 2.1 section](#))

## Chapter [10: Non-Web Software](#)

Notes: The *Science Online* database does not include non-web documents. Therefore, the *Science Online* database is not subject to the requirements of this section.

## Chapter [11: Software](#)

Notes: The *Science Online* database is a web-only platform and is not subject to non-web software criteria since they have been addressed in the above WCAG and Revised Section 508 conformance tables.

## Chapter [12: Documentation and Support Services](#)

Criteria	Conformance Level	Remarks and Explanations
<b>12.1 Product documentation</b>	Heading cell – no response required	Heading cell – no response required
12.1.1 Accessibility and compatibility features	Supports	Documentation of accessibility and compatibility features is available in the platform help center.
12.1.2 Accessible documentation	See <a href="#">WCAG 2.1</a> section	See information in WCAG 2.1 section
<b>12.2 Support Services</b>	Heading cell – no response required	Heading cell – no response required
12.2.2 Information on accessibility and compatibility features	Supports	Documentation of accessibility and compatibility features is available in the platform help center. Support is also provided over e-mail, telephone, and live chat.
12.2.3 Effective communication	Supports	The <i>Science Online</i> database support team can be contacted for assistance via e-mail, phone, or live chat. In addition, other methods can be made available upon request.
12.2.4 Accessible documentation	See <a href="#">WCAG 2.1</a> section	See information in WCAG 2.1 section

## Chapter [13: ICT Providing Relay or Emergency Service Access](#)

Notes: The *Science Online* database does not provide any relay services. There is also no access to Emergency Services within the *Science Online* database.

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