California Open Online Library for Education & Accessibility

COOL4Ed (the California Open Online Library for Education) was created so that faculty can easily find, adopt, utilize, review and/or modify free and open etextbooks for little or no cost. The COOL4Ed accessibility open textbook evaluations can inform faculty, staff, and students how the free and open etextbooks meet 15 accessibility "checkpoints" that could impact the learning of learners with a range of disabilities.

SUMMARY OF ACCESSIBILITY EVALUATION:

Textbook: **Introduction to Psychology (BC Campus)**
Format of Textbook: **HTML**

Assistive Technology (AT) Evaluation Score: Overall	5.5 (Maximum score = 10)
Assistive Technologies (AT) Evaluations applies specialized tools and software in the accessibility evaluation process. These specialized assistive technologies, see list below, are typically not used or available by the general public into the accessibility evaluation process. • Accessibility features of desktop operating systems (e.g. high-contrast display themes, settings from the Keyboard and Mouse control panels) • Accessibility-related software included with desktop operating systems (e.g. VoiceOver, Microsoft Narrator) • Third-party accessibility software and hardware: • Screen readers (e.g. JAWS, Window Eyes) • Magnification software (e.g. ZoomText Magnifier/Reader, MAGIC Pro with Speech) • Reading software for users with learning disabilities (e.g. Read and Write Gold, Kurzweil 3000) • Refreshable Braille displays	
Non- Assistive Technology (NAT) Evaluation Score: Overall	7.0 (Maximum score =10)
Non-Assistive Technologies (NAT) Evaluations applies only native or basic tools and software such as the keyboard and Narrator in the accessibility evaluation process. These non-assistive technologies are readily available and used by the general public.	

COOL4Ed Accessibility Evaluation Methods:

The California State University Accessible Technology Initiative and MERLOT (Multimedia Educational Resources for Learning and Online Teaching) developed the rubric or "checkpoints" for the accessibility evaluation. CAST, a nationally recognized organization with expertise in accessibility and UDL, reviewed and affirmed the appropriateness and value of the accessibility evaluation rubric and contributed the references and support resources to help people learn how best to design, evaluate, and remediate the learning materials to maximize the accessibility of the learning resources for all. The "checkpoints" have been built upon the Section 508 technical standards and has been organized and tailored to the typical characteristics of digital resources used in higher education courses.

The accessibility evaluations were performed by the Center for Usability in Design and Accessibility at California State University, Long Beach; faculty and graduate students with expertise in human factors, usability, and accessibility performed the evaluations of over 150 free and open etextbooks. COOL4ed.org has published the accessibility evaluation rubric and provides a detailed description of the methodology used to evaluate the accessibility of the etextbooks in COOL4ed.

LOOKING FOR DETAILED ACCESSIBILITY REPORTS?

See Detailed Accessibility Evaluation Report using Assistive Technologies

See Detailed Accessibility Evaluation Report using Non-Assistive Technologies

DETAILED ACCESSIBILITY EVALUATION REPORT using
Assistive Technologies

Assistive Technologies (AT) Evaluations applies specialized tools and software in the accessibility evaluation process. These specialized assistive technologies, such as Kurzweil and NVDA, are typically not used or available by the general public into the accessibility evaluation process.

1. Accessibility Documentation

A. The organization providing the online materials has a formal accessibility policy.	**Fail**
Additional Information:	**Did not find any information about BC Campus's Formal Accessibility Policy.**
B. The organization providing the online materials has an accessibility statement.	**Fail**
Additional Information:	**Did not find any information about BC Campus's Accessibility Statement.**
C. An Accessibility Evaluation Report is available from an external organization.	**Fail**
Additional Information:	**Did not find any information about BC Campus's Accessibility Evaluation Report.**

2. Text Access

A. The text of the digital resource is available to assistive technology that allows the user to enable text-to-speech (TTS) functionality.	**Fail**
Additional Information:	**0/2 Chapters passed. Not all content within the book were successfully translated to audio. While normal text was read properly, information was skipped in chapters 1 and 7. Images in chapters 1 and 7 were translated in a way that was easy to understand, and a sufficient amount of detail was given. However, some images were read with a lack of detail and simply stated the link of the image found within IMG"_". Tables were not translated properly by NVDA, and you could not navigate through either**

chapter using NVDA hotkeys or directions using directional keys.	

3. Text Adjustment

A. Text is compatible with assistive technology.	**Pass**
Additional Information:	**2/2 Chapters passed. Regular text and images were easily zoomed in (to 200%) and out (to 33%) with out any disruptive altercation to either text or images (Chps. 4 and 11).**
B. The resource allows the user to adjust the font size and font/background color (or is rendered by an application such as a browser, media player, or reader) that offers this functionality).	**Pass**
Additional Information:	**2/2 Chapters Passed Using Care for Your Eyes on Google Chrome, font and background did change color when nightmode was selected (Chps. 8 and 19).**

4. Reading Layout

A. Text of the digital resource is compatible with assistive technology that allows the user to reflow the text by specifying the margins and line spacing (or is rendered by an application such as a browser, media player, or reader that offers this functionality).	**Pass**
Additional Information:	**30/30 pages passed for reflow of text, regular text and images were easily zoomed in (to 200%) and out (to 33%) with out any disruptive altercation to either text or images (Chps. 1,1.1, 1.2, 1.3, 2, 2.1, 2.2,2.3,2.4,2.5,3,3.1,3.2,3.3,3.4,4.1,4.2,4.3,4.4,4.5,5, 5.1,5.2,5.3,5.4,5.5,5.6,6,6.1,6.2).**
B. If the digital resource is an electronic alternative to printed materials, the page numbers correspond to the printed material.	**Fail**
Additional Information:	**HTML version of textbook goes by chapter and subchapter titles while PDF version of textbook goes**

	by page numbers, you will not be able to find a specific page number in the HTML version (Chps. 1,1.1,1.2,1.3,2,2.1,2.2,2.3,2.4,2.5,3,3.1,3.2,3.3,3.4,4.1,4.2,4.3,4.4,4.5,5,5.1,5.2,5.3,5.4,5.5,5.6,6,6.1,6.2).

5. Reading Order

A. The reading order for digital resource content logically corresponds to the visual layout of the page when rendered by assistive technology.	**Fail**
Additional Information:	**0/2 Chapters passed. Not all contents within the book were successfully translated to audio. While normal text was read properly, information was skipped in chapters 1 and 7. Images in chapters 1 and 7 were translated in a way that was easy to understand, and a sufficient amount of detail was given; However, some images were read with a lack of detail and simply stated the link of the image found within IMG"_". Tables were not translated properly by NVDA, and you could not navigate through either chapter using NVDA hotkeys or directions using directional keys.**

6. Structural Markup/Navigation

A. The text of the digital resource includes markup (e.g. tags or styles) that allows for navigation by key structural elements (chapters, headings, pages) using assistive technology (or is rendered by an application such as a browser, media player, or reader that offers this functionality).	**Fail**
Additional Information:	**0/2 chapters passed. You were not able to navigate through the text, among headers, lists, links, and tables, by using the NVDA hotkeys. When attempting to use a NVDA hotkey it would simply state the buttons you were pressing on the keyboard. Chapters checked (7 and 15).**

B. The text of the digital resource includes markup for bullets and numbered lists that is compatible with assistive technology (or is rendered by an application such as a browser, media player, or reader that offers this functionality).	**Pass**
Additional Information:	**7/11 lists passed. You were able to navigate through the lists by using the NVDA hotkeys. Chapters checked 1.3 (0/4 lists), 2.4 (7/7 lists).**
C. If the text of the digital resource is delivered within an ebook reader application, a method is provided that allows users to bypass the reader interface and move directly to the text content that is compatible with assistive technology.	**N/A**
Additional Information:	**Not using eReader application in this evaluation.**

7. Tables

A. Data tables include markup (e.g. tags or styles) that identifies row and column headers in a manner that is compatible with assistive technology (or are rendered by an application such as a browser, media player, or reader that offers this functionality).	**Fail**
Additional Information:	**0/10 tables passed. Tables did not consists of any description of what was inside the tables than the content within the table. The tables were not translated properly by NVDA and you were not able to navigate in all directions using directional keys. Chapters checked, 1.3 (0/3 tables passed, had proper descriptions, read clearly by NVDA, and were able to naviagate in all directions by using directional keys), 2.4 (0/1 tables passed, had proper descriptions, read clearly by NVDA, and were able to naviagate in all directions by using directional keys), 6.2 (0/2 tables passed, had proper descriptions, read clearly by NVDA, and were able to naviagate in all directions by using directional keys), 11.2 (0/2 tables passed, had**

	proper descriptions, read clearly by NVDA, and were able to naviagate in all directions by using directional keys), 15.2 0/2 tables passed, had proper descriptions, read clearly by NVDA, and were able to naviagate in all directions by using directional keys).

8. Hyperlinks

A. In-book links take you to a location within the textbook. For example, the table of contents would be considered in-book links and embedded links take you to the correct location in the book.	**N/A**
Additional Information:	
B. Live hyperlinks take you to any website or webpages external to the book.	**Fail**
Additional Information:	**21/21 live hyperlinks functioned properly and took the reader to the expected websites on the internet and/or to figures, examples, and solutions within the textbook. Chapters checked 9.2 (2/2links worked), 10.1 (2/2 links worked), 10.2 (1/1 link wored), 13.6 (1/1 links worked), 14.2 (5/5 links worked), 14.3 (2/2 links worked), 14.4 (5/5 links worked), 15 (3/3 link worked). 15/21 live hyperlinks worked and had a proper descriptions of the hyperlinks, 9.2 (0/2 had proper description), 10.1 (0/2 had proper description), 10.2 (0/1 link had proper description), 13.6 (0/1 links had proper description), 14.2 (5/5 links had proper description), 14.3 (2/2 linkshad proper description), 14.4 (5/5 links had proper description), 15 (3/3 link had proper description). The other hyperlinks within the book were labeled with a URL.**
C. Live links take you to the correct webpage that is functioning properly.	**Pass**
Additional Information:	**21/21 live hyperlinks functioned properly and took the reader to the expected websites on the internet and/or to figures, examples, and solutions within the**

	textbook. Chapters checked 9.2 (2/2links worked), 10.1 (2/2 links worked), 10.2 (1/1 link wored), 13.6 (1/1 links worked), 14.2 (5/5 links worked), 14.3 (2/2 links worked), 14.4 (5/5 links worked), 15 (3/3 link worked).
D. Live links are descriptive enough for the users to know where it should take them.	**Fail**
Additional Information:	**15/21 live hyperlinks worked and had a proper descriptions of the hyperlinks, 9.2 (0/2 had proper description), 10.1 (0/2 had proper description), 10.2 (0/1 link had proper description), 13.6 (0/1 links had proper description), 14.2 (5/5 links had proper description), 14.3 (2/2 linkshad proper description), 14.4 (5/5 links had proper description), 15 (3/3 link had proper description). The other hyperlinks within the book were labeled with a URL.**

9. Color and Contrast

A. All information within the material that is conveyed using color is also available in a manner that is compatible with those that do not perceive color, and information conveyed by color is also conveyed in other ways.	**Pass**
Additional Information:	**2/2 chapters passed and had consistent color redundency. Main Headers were larger in text and black against a white background. Subheaders were larger and black against a white background. Text was consistently black against a white background. Hyperlinks within text were maroon. However, the links were not distinguishable from other text other than by only color. Chapters checked (10 and 11).**
B. Information is conveyed from the sub-categories for contrast.	**Pass**
Additional Information:	**2/2 chapters passed and had consistent color redundency. Main Headers were larger and black against a white background. Subheaders were larger and black against a white background. Text was**

	consistently black against a white background. Hyperlinks within text were maroon. However, the links were not distinguishable from other text other than by only color.Chapters checked (10 and 11). All text, besides text located within figures, passes the AA standard.
C. Contrast for headers passed WCAG AA standards for large texts (contrast ratio 3:1).	**Pass**
Additional Information:	**Section heading passed (Chapters and subchapters checked 10 and 11).**
D. Contrast for text passed WCAG AA standards for normal texts (contrast ratio of 4.5:1).	**Pass**
Additional Information:	**All text passed (Chapters and subchapters checked 10 and 11).**
E. Contrast for simple images (for example, images of atoms) passed WCAG AA standards (contrast ratio of 4.5:1).	**N/A**
Additional Information:	**All images within the text are complex.**

10.Language

A. The text of the digital resource includes markup that declares the language of the content in a manner that is compatible with assistive technology.	**Pass**
Additional Information:	**"lang="en-us" code found, language markup is in english.**
B. If the digital resource includes passages in a foreign language, these passages include markup that declares the language in a manner that is compatible with assistive technology.	**N/A**
Additional Information:	**No passages found in foreign languages.**

11.Images

A. Non-decorative images have alternative text that is compatible with assistive technology (or is rendered by an application such as a browser, media player, or reader that offers this functionality).	**Fail**
Additional Information:	**1/2 chapters had non-decorative images that were read properly by NVDA. When NVDA encountered images it gave a detailed description of the image. When searching for image alt"' in the code, alternative names and captions are given. In chapter 1.2, 7/7 non-decorative images have good descriptions within image alt "'. Images were translated with an impressive amount of detail. For chapter 16.1, 0/2 non-decorative images have good descriptions within image alt "'. Chapter 16.2 , 0/5 non-decorative images have good descriptions within image alt "' and were read in a manner that would be descriptive enough for the reader. In chapter 16.4, 0/1 non-decorative images have good descriptions within image alt.**
B. Decorative images are marked with null alternate text or contain markup that allows them to be ignored by assistive technology.	**N/A**
Additional Information:	**There were no decorative images found. Chapters and subchapters checked 1 and 16. All images were complex.**
C. Complex images, charts, and graphs have longer text descriptions that are compatible with assistive technology (or are rendered by an application such as a browser, media player, or reader) that offers this functionality).	**Fail**
Additional Information:	**1/2 chapters had complex images that were read properly by NVDA. When NVDA encountered images it gave a detailed description of the image. When searching for image alt"' in the code, alternative names and captions are given. In chapter 1.2, 7/7 complex images have good descriptions within image**

	alt "'. Images were translated with an impressive amount of detail. For chapter 16.1, 0/2 complex images have good descriptions within image alt "'. Chapter 16.2 , 0/5 complex images have good descriptions within image alt "' and were read in a manner that would be descriptive enough for the reader. In chapter 16.4, 0/1 complex images have good descriptions within image alt.

12. Multimedia

A. A synchronized text track (e.g. open or closed captions) is provided with all video content.	N/A
Additional Information:	No multimedia content found.
B. A transcript is provided with all audio content.	N/A
Additional Information:	No multimedia content found.
C. Audio/video content is delivered via a media player that is compatible with assistive technology. This includes support for all criteria listed in Section 15 below.	N/A
Additional Information:	No multimedia content found.

13. Flickering

A. The digital resource content does not contain anything that flashes more than three times in any one-second period.	Pass
Additional Information:	No flickering content.

14. Science, Technology, Engineering, and Math (STEM)

A. STEM figures have appropriate markup that indicates that the image is a figure.	N/A
Additional Information:	No STEM content found within text.
B. STEM graphs have appropriate markup that indicates that the image is a graph.	N/A

Additional Information:	**No STEM content found within text.**
C. STEM equations have appropriate markup that indicates that the image is an equation.	**N/A**
Additional Information:	**No STEM content found within text.**
D. STEM tables have appropriate markup that indicates the image is a table.	**N/A**
Additional Information:	**No STEM content found within text.**
E. STEM figures have appropriate notation markup that conveys both the notation (presentation) and meaning (semantics) of the STEM content.	**N/A**
Additional Information:	**No STEM content found within text.**
F. STEM graphs have appropriate notation markup that conveys both the notation (presentation) and meaning (semantics) of the STEM content.	**N/A**
Additional Information:	**No STEM content found within text.**
G. STEM equations have appropriate notation markup that conveys both the notation (presentation) and meaning (semantics) of the STEM content.	**N/A**
Additional Information:	**No STEM content found within text.**
H. Assistive technology used can access the content from the STEM tables.	**N/A**
Additional Information:	**No STEM content found within text.**

15. Interactive Elements

A. Each interactive element (e.g. menu, hyperlink, button) and function (e.g. annotations) allows keyboard-only operation both with and without assistive technology.	**Pass**
Additional Information:	**Successfully navigated through 2 chapters (4 and 9) by using the TAB and ENTER keys on the keyboard.**

B. Each interactive element conveys information to assistive technology regarding the element's name, type, and status (e.g. "Play, button, selected").	
Additional Information:	**No markup interactive elements found.**
C. All instructions, prompts, and error messages necessary to complete forms are conveyed as text to assistive technology (or are rendered by an application such as a browser, media player, or reader that offers this functionality).	
Additional Information:	**No text interactive elements found.**

DETAILED ACCESSIBILITY EVALUATION REPORT using Non-Assistive Technologies

Non-Assistive Technologies (NAT) Evaluations applies only native or basic tools and software such as the keyboard and Narrator in the accessibility evaluation process. These non-assistive technologies are readily available and used by the general public.

1. Accessibility Documentation

A. The organization providing the online materials has a formal accessibility policy.	**Fail**
Additional Information:	**No accessibility policy found.**
B. The organization providing the online materials has an accessibility statement.	**Fail**
Additional Information:	**No accessibility statement found.**
C. An Accessibility Evaluation Report is available from an external organization.	**Fail**
Additional Information:	**No accessibiltiy evaluation report found.**

2. Text Access

A. The text of the digital resource is available to assistive technology that allows the user to enable text-to-speech (TTS) functionality.	**Fail**
Additional Information:	**Chp 1 - 2: Read everything clearly and paused after each sentence. Stopped and paused after each major header before starting the paragraph text. The text to speech function reads dates as one thousand sixty seven, instead of ninteeen sixty seven. Difficult to understand when reading tables. The function does not pause after each cell, instead, the function reads one cell after another without a pause.**

3. Text Adjustment

A. Text is compatible with assistive technology.	**Pass**
Additional Information:	**Chp 13-14: Zoom at 250% or higher -- all text wraps around to the next line. Tables, figures and all caption wraps around so there is no need to scroll to the right.**
B. The resource allows the user to adjust the font size and font/background color (or is rendered by an application such as a browser, media player, or reader) that offers this functionality).	**Pass**
Additional Information:	**Chp 4 - 5: the chapters changed color when I switch to nightmode.**

4. Reading Layout

A. Text of the digital resource is compatible with assistive technology that allows the user to reflow the text by specifying the margins and line spacing (or is rendered by an application such as a browser, media player, or reader that offers this functionality).	**Pass**

Additional Information:	**Chp 12 - 13: All pages wrap around to the next line so no need to scroll horizontally.**
B. If the digital resource is an electronic alternative to printed materials, the page numbers correspond to the printed material.	**N/A**
Additional Information:	**Page numbers are not provided in HTML format.**

5. Reading Order

A. The reading order for digital resource content logically corresponds to the visual layout of the page when rendered by assistive technology.	**N/A**
Additional Information:	**Need assistive technology to use.**

6. Structural Markup/Navigation

A. The text of the digital resource includes markup (e.g. tags or styles) that allows for navigation by key structural elements (chapters, headings, pages) using assistive technology (or is rendered by an application such as a browser, media player, or reader that offers this functionality).	**N/A**
Additional Information:	**No navigation text found.**
B. The text of the digital resource includes markup for bullets and numbered lists that is compatible with assistive technology (or is rendered by an application such as a browser, media player, or reader that offers this functionality).	**N/A**
Additional Information:	**No lists found.**
C. If the text of the digital resource is delivered within an ebook reader application, a method is provided that allows users to bypass the reader interface and move directly to the text	**N/A**

content that is compatible with assistive technology.	
Additional Information:	**No eReader applications found.**

7. Tables

A. Data tables include markup (e.g. tags or styles) that identifies row and column headers in a manner that is compatible with assistive technology (or are rendered by an application such as a browser, media player, or reader that offers this functionality).	**N/A**
Additional Information:	**No table markups found.**

8. Hyperlinks

A. In-book links take you to a location within the textbook. For example, the table of contents would be considered in-book links and embedded links take you to the correct location in the book.	
Additional Information:	**No within book hyperlinks found.**
B. Live hyperlinks take you to any website or webpages external to the book.	**Fail**
Additional Information:	**Hyperlinks pass on functionality (20/20), but only 9/18 passes for description so it fails completely (3/20).**
C. Live links take you to the correct webpage that is functioning properly.	**Pass**
Additional Information:	**20/20 links work.**
D. Live links are descriptive enough for the users to know where it should take them.	**Fail**
Additional Information:	**9/18 live hyperlinks pass hyperlink description. 1.2 (4), 9.1 (1), 11.4 (1), 12.1 (2) 15.1 (1),- poor description, all links are listed as URLs. 9.2 (2), 10.1**

	(2), 10.2 (1), 10.3 (1), 12.3 (1), 13.6 (2) - Descriptions clear, and link states what the URL is.

9. Color and Contrast

A. All information within the material that is conveyed using color is also available in a manner that is compatible with those that do not perceive color, and information conveyed by color is also conveyed in other ways.	**Fail**
Additional Information:	**Chp 12-14: all live links are colored maroon, but difficult to distinguish from regular text.**
B. Information is conveyed from the sub-categories for contrast.	**Pass**
Additional Information:	**Chp 9-11: All headers, text and simple images have a contrast ratio higher than 4:5:1.**
C. Contrast for headers passed WCAG AA standards for large texts (contrast ratio 3:1).	**Pass**
Additional Information:	**Chp 9-11: Passes - has a contrast ratio higher than 4:5:1.**
D. Contrast for text passed WCAG AA standards for normal texts (contrast ratio of 4.5:1).	**Pass**
Additional Information:	**Chp 9-11: Passes - has a contrast ratio higher than 4:5:1.**
E. Contrast for simple images (for example, images of atoms) passed WCAG AA standards (contrast ratio of 4.5:1).	**Pass**
Additional Information:	**Chp 9-11: Passes - has a contrast ratio higher than 4:5:1.**

10. Language

A. The text of the digital resource includes markup that declares the language of the content in a manner that is compatible with assistive technology.	**Pass**

Additional Information:	**Language markup lange = "en" was found.**
B. If the digital resource includes passages in a foreign language, these passages include markup that declares the language in a manner that is compatible with assistive technology.	**N/A**
Additional Information:	**No second language found within this book.**

11.Images

A. Non-decorative images have alternative text that is compatible with assistive technology (or is rendered by an application such as a browser, media player, or reader that offers this functionality).	**Fail**
Additional Information:	**8/15 non-decorative images pass hyperlink description. Chp 6, 8, 14 & 15: 6.1 (fig 6.3, 6.6, 6.9, 6.10) 6.3 (fig 6.15, 6.13), 8.4 (fig 8.9), 14.1 (fig 14.2) - caption clear and very specific, describes the image very clearly. 6.1 (fig. 6.5) 6.3 (fig. 6.14), 8.3 (fig 8.7, 8.8), 15.1 (fig 15.1, 15.2, 15.3) - poor description, very vague and does not describe image clearly.**
B. Decorative images are marked with null alternate text or contain markup that allows them to be ignored by assistive technology.	**Pass**
Additional Information:	**Chp 15-17: all pass because they have null tag.**
C. Complex images, charts, and graphs have longer text descriptions that are compatible with assistive technology (or are rendered by an application such as a browser, media player, or reader) that offers this functionality).	**Fail**
Additional Information:	**10/26 complex images pass hyperlink description. Chp 2, 5, 6, 14 & 15: 5.4 (fig 5.20, 5.22), 5.5 (fig. 5.25, 5.26, 5.27) 6.1 (fig 6.7, 6.8), 14.2 (fig 14.4), 14.3 (fig 14.6), 14.4 (fig 14.7), 2.4 (fig 2.15), 2.3 (fig 2.13, 2.14) 2.2 (fig 2.6, 2.8, 2.9) - unclear, needs more text in caption to thorougly explain image. 5.5 (fig 5.24), 6**

	(fig. 6.1, 6.2, 6.4), 6.1 (fig 6.11), 14.4 (fig 14.8), 15.1 (fig 15.5, 15.6), 8.2 (fig 8.5, 8.6) - image clear and concise, explains the image in detail.

12.Multimedia

A. A synchronized text track (e.g. open or closed captions) is provided with all video content.	N/A
Additional Information:	No text track content found.
B. A transcript is provided with all audio content.	N/A
Additional Information:	No transcript content found.
C. Audio/video content is delivered via a media player that is compatible with assistive technology. This includes support for all criteria listed in Section 15 below.	N/A
Additional Information:	No assistive player found.

13.Flickering

A. The digital resource content does not contain anything that flashes more than three times in any one-second period.	Pass
Additional Information:	No flickering content.

14.Science, Technology, Engineering, and Math (STEM)

A. STEM figures have appropriate markup that indicates that the image is a figure.	N/A
Additional Information:	No stem content found.
B. STEM graphs have appropriate markup that indicates that the image is a graph.	N/A
Additional Information:	No stem content found.
C. STEM equations have appropriate markup that indicates that the image is an equation.	N/A
Additional Information:	No stem content found.

D. STEM tables have appropriate markup that indicates the image is a table.	**N/A**
Additional Information:	**No stem content found.**
E. STEM figures have appropriate notation markup that conveys both the notation (presentation) and meaning (semantics) of the STEM content.	**N/A**
Additional Information:	**No stem content found.**
F. STEM graphs have appropriate notation markup that conveys both the notation (presentation) and meaning (semantics) of the STEM content.	**N/A**
Additional Information:	**No stem content found.**
G. STEM equations have appropriate notation markup that conveys both the notation (presentation) and meaning (semantics) of the STEM content.	**N/A**
Additional Information:	**No stem content found.**
H. Assistive technology used can access the content from the STEM tables.	**N/A**
Additional Information:	**No stem content found.**

15. Interactive Elements

A. Each interactive element (e.g. menu, hyperlink, button) and function (e.g. annotations) allows keyboard-only operation both with and without assistive technology.	**N/A**
Additional Information:	**No keyboard content found.**
B. Each interactive element conveys information to assistive technology regarding the element's name, type, and status (e.g. "Play, button, selected").	**N/A**
Additional Information:	**No markup content found.**

C. All instructions, prompts, and error messages necessary to complete forms are conveyed as text to assistive technology (or are rendered by an application such as a browser, media player, or reader that offers this functionality).	**N/A**
Additional Information:	**No text prompts found.**