

Company or Supplier of Electronic Information Technology: SETI Institute and Learning in Motion

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Name of Product: "Voyages Through Time" (Curriculum Materials)

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Section 1194.21 Software Applications and Operating Systems - Detail Voluntary Product Accessibility Template		
Criteria	Supporting Features	Remarks and explanations

(a) When software is designed to run on a system that has a keyboard, product functions shall be executable from a keyboard where the function itself or the result of performing a function can be discerned textually.	Supported . This content in the VTT modules is designed to be accessed via a standard web browser. Microsoft Internet Explorer (Mac and Windows) and other browsers traditionally support keyboard assistance features including StickyKeys, FilterKeys, MouseKeys, SerialKeys and ToggleKeys. Keyboard shortcuts, shortcut keys, and menu commands are readily available in most web browsers. Virtually all features and functions of modern browsers are keyboard accessible.	* StickyKeys is designed for people who have difficulty holding down two or more keys at a time or for people who type using a single finger or a mouthstick. Press one key at a time and it instructs the OS to respond as if the keys are pressed simultaneously. *FilterKeys adjust the keyboard response so that inadvertently repeated keystrokes are ignored. * When ToggleKeys is turned on, a sound is emitted when locking keys (CAPS LOCK, NUM LOCK, and SCROLL LOCK) are pressed. * SerialKeys allows the use of alternative input devices such as augmentative speech device. *When MouseKeys is on, a user can use the numeric keypad for data entry as well as for navigation of the cursor on the screen. This content is also accessible via alternate browsers with capabilities specifically for use by people with special needs.
(b) Applications shall not disrupt or disable activated features of other products that are identified as accessibility features, where those features are developed and documented according to industry standards. Applications also shall not disrupt or disable activated features of any operating system that are identified as accessibility features where the application programming interface for those accessibility features has been documented by the manufacturer of the operating system and is available to the product developer.	Supported with exceptions: Modern browsers do not interfere with accessibility features of user operating system or device characteristics.	Internet Explorer: does not use the cursor width from the system setting. As a result, neither does the Help and Support Search input box since it is using Internet Explorer.
(c) A well-defined on-screen indication of the current focus shall be provided that moves among interactive interface elements as the input focus changes. The focus shall be programmatically exposed so that Assistive Technology can track focus and focus changes.	Supported. Modern browsers use programming interfaces to establish the location of the focus indicator and to expose interface elements essential to the operation of the program. Dependent on the OS, users can assign the focus to meet specific individual needs.	All modern browsers
(d) Sufficient information about a user interface element including the identity, operation and state of the element shall be available to Assistive Technology. When an image represents a program element, the information conveyed by the image must also be available in text.	Supported. All images that are represented graphically also contain text conveying their identity, operation and state of the element. This is a standard for most modern browsers. In almost every case, the user is able to alter the identity of these items, specifically assign images to operating elements and customize applications and font size.	All modern browsers
(e) When bitmap images are used to identify controls, status indicators, or other programmatic elements, the meaning assigned to those images shall be consistent throughout an application's performance.	Supported. Most modern browsers utilize standard and consistent images for control and status indication throughout.	All modern browsers
(f) Textual information shall be provided through operating system functions for displaying text. The minimum information that shall be made available is text content, text input caret location, and text attributes.	Supported. Textual information is provided for all of our operating systems. It contains text content, text input caret location and text attributes.	All modern browsers

(g) Applications shall not override user selected contrast and color selections and other individual display attributes.	Supported. Most browsers support user customizable color settings (text links, etc.) and allow control of other color-related interface elements. Browser users can change font sizes and colors, background color, and window size. Using Magnifier (or CloseView), users can magnify a portion of the screen to make more easily readable.	All modern browsers
(h) When animation is displayed, the information shall be displayable in at least one non-animated presentation mode at the option of the user.	Not applicable. Animation is not used to display any information critical to the operation of the browser, or the content in the VTT modules.	All modern browsers
(i) Color coding shall not be used as the only means of conveying information, indicating an action, prompting a response, or distinguishing a visual element.	Supported. All color coding is accompanied by explanatory text, either explicit or mouseover text. In no case is perception of color coding essential to the operation of the browser.	All modern browsers
(j) When a product permits a user to adjust color and contrast settings, a variety of color selections capable of producing a range of contrast levels shall be provided.	Supported. Most modern browsers allow users to adjust link and text color in the Preferences settings. Color adjustment is a function of the user's display as well. Third party applications may allow more adjustability than standard OS applications.	All modern browsers
(k) Software shall not use flashing or blinking text, objects, or other elements having a flash or blink frequency greater than 2 Hz and lower than 55 Hz.	Supported. Browsers operate on standard user computers connected to a variety of accessible display devices. It is assumed that most offer scan rates within acceptable limits.	All modern browsers
(l) When electronic forms are used, the form shall allow people using Assistive Technology to access the information, field elements, and functionality required for completion and submission of the form, including all directions and cues.	Not applicable.	No electronic forms are used within the program.

**Section 1194.22 - Web-based intranet and internet information and applications - Detail
Voluntary Product Accessibility Template**

Criteria	Supporting Features	Remarks and explanations
a) A text equivalent for every non-text element shall be provided (e.g., via "alt", "longdesc", or in element content).	Fully supported.	All images and "non text element" are described in text including simulations and video elements.
(b) Equivalent alternatives for any multimedia presentation shall be synchronized with the presentation.	Exempt-Currently, inserting equivalent alternatives that are synchronized to the multimedia presentation would cause an undue burden and financial hardship. The data obtained for the multimedia presentation was collected from archival data and sources. This section is exempt according to Subpart E, section 1194.3 (e) of the Rehabilitation Act of 1973, Section 508.	Special attention has been paid to ensuring that text surrounding video presentations gives enough information for the teacher or learner to complete the lesson. May require the assistance of others.
(c) Web pages shall be designed so that all information conveyed with color is also available without color, for example from context or markup.	Facilitated. VTT supports HTML content that can often be viewed and understood with or without color.	In the case of complex graphs and charts shown on HTML pages, printable media is available.
(d) Documents shall be organized so they are readable without requiring an associated style sheet.	Fully supported. No additional style sheets are required for viewing content.	All modules.
(e) Redundant text links shall be provided for each active region of a server-side image map.	Fully supported.	Image maps are mirrored with redundant text links.
(f) Client-side image maps shall be provided instead of server-side image maps except where the regions cannot be defined with an available geometric shape.	Fully supported. All image content is stored on local media.	All modules.
(g) Row and column headers shall be identified for data tables.	Fully supported.	All modules.
(h) Markup shall be used to associate data cells and header cells for data tables that have two or more logical levels of row or column headers.	Fully supported.	All modules.
(g) Row and column headers shall be identified for data tables.	Fully supported.	All modules.
(i) Frames shall be titled with text that facilitates frame identification and navigation.	Fully supported.	All frames are accompanied by descriptive text that indicate frame use or content. Alternative navigational elements also help the user navigate without specific knowledge of the position of the frames.
(j) Pages shall be designed to avoid causing the screen to flicker with a frequency greater than 2 Hz and lower than 55 Hz.	Fully supported. Modern browsers fully supports the System Cursor Blink Rate (Mac/Win), which provides a mechanism that an application or Web page can refer to, so it does not flicker or flash at the unacceptable rate.	All modules.
(k) A text-only page, with equivalent information or functionality, shall be provided to make a web site comply with the provisions of this part, when compliance cannot be accomplished in any other way. The content of the text-only page shall be updated whenever the primary page changes.	Fully supported. While content uses a browser-readable format, no essential content is accessed via the Internet.	Resource materials are available via the Web.
(l) When pages utilize scripting languages to display content, or to create interface elements, the information provided by the script shall be identified with functional text that can be read by assistive technology.	Fully supported. No scripting languages are used in the production of these pages.	All modules.

(m) When a web page requires that an applet, plug-in or other application be present on the client system to interpret page content, the page must provide a link to a plug-in or applet that complies with §1194.21(a) through (l).	Fully supported. PDF format documents are available and the PDF reader (all formats) is available on the CD.	All modules.
(n) When electronic forms are designed to be completed on-line, the form shall allow people using assistive technology to access the information, field elements, and functionality required for completion and submission of the form, including all directions and cues.	Not applicable.	All modules.
(o) A method shall be provided that permits users to skip repetitive navigation links.	Fully supported. A variety of navigation points, including text items, are used to move users through repetitive navigation links.	All modules.
(p) When a timed response is required, the user shall be alerted and given sufficient time to indicate more time is required.	Not applicable.	All modules.

**Section 1194.24 - Video and Multimedia Products - Detail
Voluntary Product Accessibility Template**

Criteria	Supporting Features	Remarks and explanations
(a) All analog television displays 13 inches and larger, and computer equipment that includes analog television receiver or display circuitry, shall be equipped with caption decoder circuitry which appropriately receives, decodes, and displays closed captions from broadcast, cable, videotape, and DVD signals. As soon as practicable, but not later than July 1, 2002, widescreen digital television (DTV) displays measuring at least 7.8 inches vertically, DTV sets with conventional displays measuring at least 13 inches vertically, and stand-alone DTV tuners, whether or not they are marketed with display screens, and computer equipment that includes DTV receiver or display circuitry, shall be equipped with caption decoder circuitry which appropriately receives, decodes, and displays closed captions from broadcast, cable, videotape, and DVD signals.	Not Applicable	This is a hardware related requirement and is not applicable to VTT software or resources.
(b) Television tuners, including tuner cards for use in computers, shall be equipped with secondary audio program playback.	Not Applicable	This is a hardware related requirement and is not applicable to VTT software or resources.
(c) All training and informational video and multimedia productions which support the agency's mission, regardless of format, that contain speech or other audio information necessary for the comprehension of the content, shall be open or closed captioned.	Exception: This criteria will cause a "fundamental alteration of our products" and is exempt according to Subpart E, section 1194.3 (e) of the Rehabilitation Act of 1973, Section 508. The video used to support the curriculum modules was collected from archival data. Close-captioning or scripting would cause undue burden in the form of expense and product delay.	Future informational video and multimedia productions will include close-captioning and auditory scripting. Close captioning and auditory scripting will be synchronized with the all presentations.
(d) All training and informational video and multimedia productions which support the agency's mission, regardless of format, that contain visual information necessary for the comprehension of the content, shall be audio described.	Exception: This criteria will cause a "fundamental alteration of our products" and is exempt according to Subpart E, section 1194.3 (e) of the Rehabilitation Act of 1973, Section 508. The video used to support the curriculum modules was collected from archival data. Close-captioning or scripting would cause undue burden in the form of expense and product delay.	Future informational video and multimedia productions will include close-captioning and auditory scripting. Close captioning and auditory scripting will be synchronized with the all presentations.
(e) Display or presentation of alternate text presentation or audio descriptions shall be user-selectable unless permanent.	Fully supported: Modern browsers and the hardware to which they are attached support large screen projectors and other alternative display options.	

**Section 1194.31 Functional Performance Criteria - Detail
Voluntary Product Accessibility Template**

Criteria	Supporting Features	Remarks and explanations
(a) At least one mode of operation and information retrieval that does not require user vision shall be provided, or support for Assistive Technology used by people who are blind or visually impaired shall be provided.	Supported. Modern browsers work with screen readers and other adaptive aids for blind or visually impaired users.	All modern browsers.
(b) At least one mode of operation and information retrieval that does not require visual acuity greater than 20/70 shall be provided in audio and enlarged print output working together or independently, or support for Assistive Technology used by people who are visually impaired shall be provided.	Supported. Modern browsers work with screen readers and other adaptive aids for blind or visually impaired users.	All modern browsers.
(c) At least one mode of operation and information retrieval that does not require user hearing shall be provided, or support for Assistive Technology used by people who are deaf or hard of hearing shall be provided.	Supported. Modern browsers work with screen readers and other adaptive aids for blind or visually impaired users.	All modern browsers.
(d) Where audio information is important for the use of a product, at least one mode of operation and information retrieval shall be provided in an enhanced auditory fashion, or support for assistive hearing devices shall be provided.	Supported. Modern browsers work with screen readers and other adaptive aids for blind or visually impaired users.	All modern browsers.

(e) At least one mode of operation and information retrieval that does not require user speech shall be provided, or support for Assistive Technology used by people with disabilities shall be provided.	Not applicable. The use of speech for operation and information retrieval is not required to operate this program.	All modern browsers.
(f) At least one mode of operation and information retrieval that does not require fine motor control or simultaneous actions and that is operable with limited reach and strength shall be provided.	Facilitated. Modern browsers typically work with most alternative pointing devices and other accessible technologies dealing with fine motor control.	All modern browsers.
Section 1194.41 Information, Documentation and Support Voluntary Product Accessibility Template		
Criteria	Supporting Features	Remarks and explanations
(a) Product support documentation provided to end-users shall be made available in alternative formats upon request, at no additional charge.	Supported: Product support for alternative formats is available per request by contacting Pamela Harman pharman@seti.org or 650-960-4523.	Instructions for product support in alternate formats are included in teacher materials on the CD-ROM
(b) End users shall have access to a description of the accessibility and compatibility features of the products in alternate formats or alternate methods upon request, at no charge.	Supported: A description of the accessibility and compatibility features of VTT are available in alternative format by contacting Pamela Harman pharman@seti.org or 650-960-4523. This request is at not charge or cost to the requestor.	Information about accessibility and compatibility features can be found on the web (www.seti.org) or by contacting the SETI offices.
(c) Support services for products shall accommodate the communication needs of end users with disabilities.	Supported: Alternative support can be requested by contacting Pamela Harman pharman@seti.org or 650-960-4523. Current alternative communication needs are available for the hearing impaired by utilizing the Federal Relay Service for TTY devices and the public. Other support services are available on a per request basis.	Information about accessibility and compatibility features can be found on the web (www.seti.org) or by contacting the SETI offices.