

## 2015-2016 Instructional Material Universal Design Learning (UDL) Questionnaire

**Bid Number:** 2977  
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**Title of Materials:** TeenCoder: Java Programming (Abridged)  
**Publisher:** CompuScholar, Inc.

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1. How are both flexibility and student choices provided for the following **presentation features** in the instructional materials:
- Fonts:
    - Type and size.
    - Colors and background colors can be adjusted.
  - Background: High contrast color settings are available.
  - Text-to-speech tools
  - All images have alt tags.
  - All videos are captioned.
  - Text, image tags, and captioning sent to refreshable Braille displays.
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### CompuScholar Response:

All instructional materials are delivered online through a web browser. Instructional materials use standard HTML (lesson text), PDF (supplemental instructions), or MP4 (video) formats. Applicable WCAG 2.0 standards are followed to make these materials manageable with industry-standard accessibility tools. In particular:

- Font sizes can be adjusted through standard settings in web browsers. Entire pages can be magnified using built-in web browser zoom features.
- Web browsers like Firefox and Chrome will respect the Windows “**High Contrast**” setting. In addition, colors can be adjusted or switched to high-contrast schemes using common browser extensions such as:
  - Chrome – **High Contrast** (free extension)
  - Firefox – **Accessibility** and **Theme Font & Size Changer** (free extensions)
- Standard text-to-speech browser extensions can read the HTML lesson text or PDF documents. For example:
  - Chrome – **SpeakIt**, **NaturalReader**, and other free extensions
  - Firefox – **Google Text-to-Speech**, **TextToVoice**, and other free extensions
  - Safari – **VoiceOver** standard software with Mac
- All images within the lesson text have “alt” tags
- All lesson videos are closed-captioned (supported on Chrome and Safari browsers)
- Transmission of HTML content to refreshable Braille displays is supported by the major Windows web browsers and the Safari **VoiceOver** software.

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2. How are the following **navigation features** provided in the instructional materials:

- Non-text navigation elements (buttons, icons, etc.) can be adjusted in size.
- All navigation elements and menu items have keyboard shortcuts.
- All navigation information can be sent to refreshable Braille displays.

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CompuScholar Response:

All pages can be size-adjusted using standard web browser zoom features.

- Chrome/Internet Explorer/Firefox – “**CTRL+**” will enlarge all elements
- Safari – “**Command+**” will enlarge all elements

Navigation elements have keyboard shortcuts and focus highlighting.

Transmission of HTML content to refreshable Braille displays is supported by the major Windows web browsers and the Safari **VoiceOver** software.

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3. How are the following **study tools** provided in the instructional materials:

- Highlighters are provided in the four standard colors (yellow, rose, green, blue).
- Highlighted text can be automatically extracted into another document.
- Note taking tools are available for students to write ideas online; as they are processing curriculum content.

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CompuScholar Response:

Highlighting, highlight extraction, and note-taking tools are available within the student’s web browser using commonly available browser plug-ins. Examples include:

- Chrome – **Super Simple Highlighter** and **NoteAnywhere** (free extensions)
- Firefox – **Simple Highlighter** and **StickyNotes** (free extension)
- Safari – **Marker.to** and **Stickies** (free extensions)

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4. Which of the following **assistive technology supports, by product name**, have you tested for use with the instructional materials:

- Assistive technology software that can be run in the background. Examples include:
  1. Magnification
  2. Text-to-speech
  3. Text-to-American Sign Language
  4. On-screen keyboards
  5. Switch scanning controls
  6. Speech-to-text

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CompuScholar Response:

The web-based delivery system has been tested with:

- **MAGic** magnification software, built-in **Windows Magnifier**, **OSX Zoom**
- **SpeakIt** extension, **Google Text-To-Speech** extension, **JAWS** software, Mac **VoiceOver** software.
- Chrome **Virtual Keyboard**, Firefox **My Keyboard Navigator**, Mac built-in **Keyboard Viewer**, Windows built-in **Keyboard Viewer**
- Mac built-in **Switch Control**
- For speech-to-text, all videos use **.VTT** files to support closed captions

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7. For students with special needs who require paper materials based upon the IEP, how are the materials provided for students currently not able to access digital materials?

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CompuScholar Response:

Each HTML page can be directly printed from the web browser as needed using built-in browser print features (e.g. CTRL+P). Similarly, PDF documents can be printed using standard operating system print features.