

2023-2024 Instructional Materials Universal Design Learning (UDL)

Questionnaire

Bid Number(s): 775

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Title of Materials: Foundations of Astronomy, WebAssign

Publisher: Cengage

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.

Cengage:

Font type, size, color and background colors can be adjusted using assistive technology or browser preferences. WebAssign is coded to work with screen readers. Images have alt tags and videos are captioned. WebAssign is compatible with Braille devices to provide general text, image alts, and captions.

Comprehensive WebAssign accessibility information can be found here:

https://www.webassign.net/manual/student_guide/c_a_accessibility.htm

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.

Cengage:

Non-text navigation elements can be adjusted by using browser preferences. Navigation elements and menu items have keyboard shortcuts and can be sent to refreshable Braille displays.

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.

Cengage:

Highlights are available in the four standard colors. Notes and highlights can be added by students or instructors. Notes and highlights can be printed or saved as a PDF.

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

Cengage:

The following assistive technologies can run in the background: magnification, text-to-speech, on-screen keyboards, speech-to-text.

5. 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?

Cengage:

WebAssign assignments can be printed by clicking Print Assignment at the top of the Assignment page. Pages of the MindTap Reader eBook can also be printed and eBooks are available as a printable PDF.