

# 2015-2016 Instructional Material

## Universal Design Learning (UDL) Rubric

**Bid Number: 3001**

**Title of Materials: DHO: Health Science**

**Publisher: Cengage Learning**

The following are questions asked of the publisher and their responses can be found in their UDL document which is provided on their reviewer portal. Please mark where the material falls on the scale and provide comments that will help publishers improve their product and districts make informed choices. On completion please return to Cathy Seeds at [Cathy.Seeds@fldoe.org](mailto:Cathy.Seeds@fldoe.org).

Instructions: Place an X in the cell below each rating. **Example:**

1 Very Poor/Not Aligned	Poor Alignment	Fair Alignment	Good Alignment	Very Good Alignment
		X		

1. How are both flexibility and student choices provided for the following **presentation features** in the instructional materials:

- Fonts:
  - Type and size.

1- Very Poor/Not Aligned	2-Poor Alignment	3-Fair Alignment	4-Good Alignment	5-Very Good Alignment
		X		

Comment: The MindTap reader ebook system includes some options for adjusting the font size. The adjustment controls are easy to get to. The selectable font sizes seem to be preset to three different sizes. Providing options for changing font type as well as font sizes provides needed reading supports for some students.

- Colors and background colors can be adjusted.

1 Very Poor/Not Aligned	Poor Alignment	Fair Alignment	Good Alignment	Very Good Alignment
X				

Comment: These features were not observed in the ebook and there was not a publisher UDL Questionnaire provided. Being able to adjust foreground and background colors can provide needed reading supports for some students.

- Background: High contrast color settings are available.

1 Very Poor/Not Aligned	Poor Alignment	Fair Alignment	Good Alignment	Very Good Alignment
X				

Comment: These features were not observed in the ebook and there was not a publisher UDL Questionnaire provided. High contrast options can be very useful for students with visual impairments.

- Text-to-speech tools

1 Very Poor/Not Aligned	Poor Alignment	Fair Alignment	Good Alignment	Very Good Alignment
			X	

Comment: The MindTap reader ebook system includes a built-in text to speech system. The text is read aloud and highlighted. The text to speech system did take a few seconds to process the text. There is also some text that is not selectable (image based text) and that text did not seem to work with the reader system.

- All images have alt tags.

1 Very Poor/Not Aligned	Poor Alignment	Fair Alignment	Good Alignment	Very Good Alignment
X				

Comment: These features were not observed in the ebook and there was not a publisher UDL Questionnaire provided. Alt tags and description tags are needed for students who depend on screen readers for all of the instructional content, including images and charts.

- All videos are captioned.

1 Very Poor/Not Aligned	Poor Alignment	Fair Alignment	Good Alignment	Very Good Alignment
X				

Comment: These features were not observed in the ebook and there was not a publisher UDL Questionnaire provided. Video captioning is an important support for students who are deaf or hard of hearing.

- Text, image tags, and captioning sent to refreshable Braille displays.

1 Very Poor/Not Aligned	Poor Alignment	Fair Alignment	Good Alignment	Very Good Alignment
X				

Comment: These features were not observed in the ebook and there was not a publisher UDL Questionnaire provided. Sending the instructional content to refreshable braille displays, or enabling programs such as JAWS to send the content to refreshable braille displays is an important support for students who are blind or visually impaired.

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

- Non-text navigation elements (buttons, icons, etc.) can be adjusted in size.

1 Very Poor/Not Aligned	Poor Alignment	Fair Alignment	Good Alignment	Very Good Alignment
		X		

Comment: These features were not observed in the ebook and there was not a publisher UDL Questionnaire provided. However, many of the navigation elements did respond to web browser magnification controls. Being able to enlarge navigation and tool selection elements can be an important support for students who use screen scanning systems or touch screens.

- All navigation elements and menu items have keyboard shortcuts.

1 Very Poor/Not Aligned	Poor Alignment	Fair Alignment	Good Alignment	Very Good Alignment
X				

Comment: These features were not observed in the ebook and there was not a publisher UDL Questionnaire provided. Keyboard shortcuts are important in the development of alternative keyboards and onscreen keyboards/overlays for students who have fine motor limitations.

- All navigation information can be sent to refreshable Braille displays.

1 Very Poor/Not Aligned	Poor Alignment	Fair Alignment	Good Alignment	Very Good Alignment

X				
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Comment: These features were not observed in the ebook and there was not a publisher UDL Questionnaire provided. Sending the navigational information to refreshable braille displays, or enabling programs such as JAWS to send the information to refreshable braille displays is an important support for students who are blind or visually impaired.

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

- Highlighters are provided in the four standard colors (yellow, rose, green, blue).

1 Very Poor/Not Aligned	Poor Alignment	Fair Alignment	Good Alignment	Very Good Alignment
				X

Comment: The MindTap reader ebook system includes highlighters in four colors. This is a great support for students who need to visually organize instructional content.

- Highlighted text can be automatically extracted into another document.

1 Very Poor/Not Aligned	Poor Alignment	Fair Alignment	Good Alignment	Very Good Alignment
				X

Comment: Highlighted text is automatically extracted into the student notes section. This is a great support for students who have problems organizing information.

- Note taking tools are available for students to write ideas online; as they are processing curriculum content.

1 Very Poor/Not Aligned	Poor Alignment	Fair Alignment	Good Alignment	Very Good Alignment
				X

Comment: The MindTap reader ebook system includes tools for taking notes. This is a great support for students who have problems organizing information.

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

1 Very Poor/Not Aligned	Poor Alignment	Fair Alignment	Good Alignment	Very Good Alignment
			X	

Comment: These features were not observed in the ebook and there was not a publisher UDL Questionnaire provided. However, some third party assistive technology supports were tested. Text to speech tools were able to work with the text that was selectable. Built in web browser magnification worked. The ebook system did not appear to block any utilities running in the background so some assistive technology supports should work.