2015-2016 Instructional Material

Universal Design Learning (UDL) Rubric

Bid Number: 3119
Title of Materials: Understanding Anatomy & Physiology: A Visual, Auditory, Interactive Approach
Publisher: B.E. Publishing

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.

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: There are zoom buttons provided in the system. However, these are basically PDF books with text and images of text. The text itself does not zoom, the whole page zooms. This can be great for some students who are using large monitors and who need everything magnified together. But it does limit the options for students who just need control of text size.

- Colors and background colors can be adjusted.

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

Comment: Not available. Control of font and background colors can increase the readability of text 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: Not available. Control of color contrast can increase the readability of text for some students.

- Text-to-speech tools

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

Comment: Not available as a built in feature. However, this is a pdf file and some text-to-speech is built into the pdf system. Selecting text and right clicking can reveal a speech tool that will speak the text aloud. Having text-to-speech available enables students who struggle with decoding text to utilize the instructional materials. If the text can be selected, then third party text to speech tools may work. However, most text-to-speech tools will not work with pictures of text. It must be selectable text. Pictures of text will not respond to text-to-speech tools.

- All images have alt tags.

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

Comment: Not available. Alt tags are important for students who use screen readers.

- All videos are captioned.

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

Comment: Not available. If videos are being used then captioning is important 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: Not available. Being able to send the instructional content of the ebook to a refreshable braille display can enable students who are blind to use the same instructional materials as other students.

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: The report says the navigation elements can be adjusted in size. Being able to enlarge navigation elements is important for students who have fine motor limitations and may need to use a switch scanning system to control the ebook.

- 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: Available for some navigation elements. Keyboard shortcuts are often needed to create alternative keyboards, either physical keyboard overlays or onscreen keyboards.

- 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				

Comment: Not available.

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: A yellow highlighter is available. This may be through the Adobe software system since the ebook is a pdf file. Having a variety of colors quickly available to students provides students a way to visually organize the information. If the ebook is used in an Adobe Reader then other options may be available.

- 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: This feature is available.

- 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: This feature is reported as being available.

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: Support for some assistive technologies is available. The demo ebook does not seem to block out any utilities running in the background.