2015-2016 Instructional Material

Universal Design Learning (UDL) Rubric

Bid Number: 3146
Title of Materials: Biotechnology: Science for the New Millennium
Publisher: EMC Publishing, LLC

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:
  o Type and size.

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

Comment: Ebook can be magnified but font cannot be customized. A built –in feature that provides students with the ability to customize size and type of font so that they can establish a customized learning environment that meets their specific learning needs. Some students actually see some fonts easier than others.

  o 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.   A built-in feature that can provide background colors can increase the readability of text for 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. As like the feature to change font color and background the ability to use high contrast formats enable students to access the instructional materials that they could not typically access.

- Text-to-speech tools

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

Comment:　　Not available. Text-to-Speech tools provide students with a multi-means of representation of content so that students not only have to access with text but through a text-to-speech tool students can interact with the text through listening.

- 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 provide students with visual impairments or blindness access to content or information that is represented in a picture, diagram or photo that would not otherwise be made possible.

- All videos are captioned.

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

Comment:　　Available upon request. It is great that videos are captioned but it would be even better (very good) if they are universally provided and students have control of using or hiding the captions.

- 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:　　All text is readable by screen readers and other accessibility devices via HTML code.

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:　　Not available.

- 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:　　Not available.

- 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:　　Questionnaire states that "yes" it is available, no specific information to clarify.

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: Yellow is available at this time.

- 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: Not available at this time.

- 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: Not can be taken in eBook and information saved.

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

Comment: Everything available in print. Students benefit from multiple ways of accessing text. These tools are often available for free downloads and easily tested.