

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:
 - 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 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. Students with visual impairments customize their instructional materials using the high contrast feature to ease eyestrain and making materials more accessible.

- Text-to-speech tools

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

x				
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Comment: Not available.

- All images have alt tags.

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

Comment: Not available. By providing this feature all students would be able to access information on the eBooks. Alt tags describe information that is embedded or represented in photos, diagrams, drawings that are not visible to students with visual limitations or blindness.

- All videos are captioned.

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

Comment: Available upon request. 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: 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. Customizable non-text navigation elements are needed to be used as targets for students that have physical limitations through the use of common tools such as alternative keyboards and switches.

- 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. Shortcuts are utilized by students to minimize key strokes and enhance rate of instructional input.

- 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. By providing multiple highlighters, opportunities for students to organize , chunk, interact and review instructional materials.

- 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. If students could download these notes and use them within related tasks students would have multiple opportunities to read, use and touch the instructional materials.

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. Print based materials present barriers in the use of these common tools that are used to help students become independent successful learners.