

2017-2018 Science Instructional Materials

Universal Design Learning (UDL) Questionnaire

Bid Number: 3303

Course: Marine Science

Title of Materials: Marine Science

Publisher: McGraw-Hill Education

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.

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.

5 - Very Good Alignment	4 – Good Alignment	3 - Fair Alignment	2 – Poor Alignment	1 – Very Poor/No Alignment
		X		

Comment: Font type cannot be adjusted. Font size can be adjusted using a built-in font size tool. Font and background colors are set by the instructional material. Colors can be inverted using the color filters feature in the Windows 10 operating system.

- Background: High contrast color settings are available.

5 - Very Good Alignment	4 – Good Alignment	3 - Fair Alignment	2 – Poor Alignment	1 – Very Poor/No Alignment
		X		

Comment: Contrast is set by the instructional material. Colors can be inverted on Windows 10 using the color filters feature in the operating system.

- Text-to-speech tools

5 - Very Good Alignment	4 – Good Alignment	3 - Fair Alignment	2 – Poor Alignment	1 – Very Poor/No Alignment
X				

Comment: There is a built-in text-to-speech tool where the page can be read aloud, or students can select a section of text and have that text read aloud.

- All images have alt tags.

5 - Very Good Alignment	4 – Good Alignment	3 - Fair Alignment	2 – Poor Alignment	1 – Very Poor/No Alignment
				X

Comment: No report was provided on alt tags. Alt tags were not noted in the online material.

- All videos are captioned.

5 - Very Good Alignment	4 – Good Alignment	3 - Fair Alignment	2 – Poor Alignment	1 – Very Poor/No Alignment

Comment: **No videos are used in this instructional material.**

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

5 - Very Good Alignment	4 – Good Alignment	3 - Fair Alignment	2 – Poor Alignment	1 – Very Poor/No Alignment

				X
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Comment: Refreshable braille displays are not currently supported.

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

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

5 - Very Good Alignment	4 – Good Alignment	3 - Fair Alignment	2 – Poor Alignment	1 – Very Poor/No Alignment
	X			

Comment: Web browser based zoom features work with this instructional material. The navigation elements also adjust in size and appropriate placement as the page is magnified.

- All navigation elements and menu items have keyboard shortcuts.

5 - Very Good Alignment	4 – Good Alignment	3 - Fair Alignment	2 – Poor Alignment	1 – Very Poor/No Alignment
				X

Comment: Keyboard shortcuts are not available.

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

5 - Very Good Alignment	4 – Good Alignment	3 - Fair Alignment	2 – Poor Alignment	1 – Very Poor/No Alignment
				X

Comment: Refreshable braille displays are not supported.

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

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

5 - Very Good Alignment	4 – Good Alignment	3 - Fair Alignment	2 – Poor Alignment	1 – Very Poor/No Alignment
X				

Comment: Any content text can be selected and highlighted in one of the four standard colors.

- Highlighted text can be automatically extracted into another document.

5 - Very Good Alignment	4 – Good Alignment	3 - Fair Alignment	2 – Poor Alignment	1 – Very Poor/No Alignment
X				

Comment: Highlighted text can be exported into a pdf document. Highlighted text, notes, and placemarks are all collected in a common area.

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

5 - Very Good Alignment	4 – Good Alignment	3 - Fair Alignment	2 – Poor Alignment	1 – Very Poor/No Alignment
X				

Comment: Notes can be added throughout the instructional materials and can be extracted into a pdf document. Highlighted text, notes, and placemarks are all collected in a common area.

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

5 - Very Good Alignment	4 – Good Alignment	3 - Fair Alignment	2 – Poor Alignment	1 – Very Poor/No Alignment
			X	

Comment: No examples were provided but a request can be made for specific testing regarding an assistive technology product.

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? (if specified)

5 - Very Good Alignment	4 – Good Alignment	3 - Fair Alignment	2 – Poor Alignment	1 – Very Poor/No Alignment
			X	

Comment: If a paper-based version is needed the student or teacher must do the printing to paper themselves.