

## 2015-2016 Instructional Material

### Universal Design Learning (UDL) Rubric

**Bid Number: 3125**

**Title of Materials: Fundamentals of Nursing Care**

**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](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: 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, but the whole page zooms. This can be great for some students who are using large monitors and who need everything magnified together.

Colors and background colors can be adjusted.

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

Comment: This feature is not available. Having the option to change the colors and background can help the readability 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: This feature is not available. Having 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: This feature is not available as a built-in feature. However, this is a pdf file and some text-to-speech is built into the pdf system. Having text-to-speech available enables students who struggle with decoding text to utilize the instructional materials.

- All images have alt tags.

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

Comment: This feature is not available. Alt tags and descriptions are important for students using text to speech tools.

All videos are captioned.

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

Comment: This feature is not available. However, if there are videos 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: This feature is 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. Being able to enlarge navigation elements is important for students who have fine motor limitations and need to use a switch scanning system to control the ebook

- 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: This feature is not available. Keyboard shortcuts are needed to support the development of alternative keyboard overlays and some onscreen keyboards for students with fine motor limitations.

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. Highlighters can help visually organize and prioritize 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: This feature is available built-in. Being able to highlight and extract content into other documents supports students who have problem 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: This feature is reported as being available. Built-in note taking tools can help students connect notes to related instructional content.

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.