

# 2017-2018 State of Florida Instructional Materials Adoption Universal Design Learning (UDL) Questionnaire (Form IM12)

**BID #:** 3309

**SUBMISSION TITLE:** HMH SCIENCE DIMENSIONS, GRADE 4

**GRADE LEVEL:** GRADE 4

**COURSE TITLE:** SCIENCE – GRADE FOUR

**PUBLISHER:** HOUGHTON MIFFLIN HARCOURT

| CRITERIA   | HMH <b>ED</b> PLATFORM  |
|--|---|
| <b>How are both flexibility and student choices provided for the following presentation features in the instructional materials:</b> |   |
| Fonts:<br>Type and size.   | Yes, available using assistive technology or browser preferences. Type and size can also be increased or decreased in the core ebooks, using the zoom and page-view functionality.                    |
| Colors and background colors can be adjusted.  | Yes, available using assistive technology or browser preferences. eBook reader offers more functionality to support choice of color/background, but development is still on-going.                    |
| Background: High contrast color settings are available.  | Yes, available using assistive technology or browser preferences; this type of feature tends to be best applied at the OS level. eBook reader offers more functionality to support contrast settings. |
| Text-to-speech tools   | Yes. In addition, eBooks and DLOs feature professional audio recordings to support the core instruction.  |
| All images have alt tags   | All images in the eBooks have alt text. .   |
| All videos are captioned.  | Yes.  |
| Text, image tags, and captioning sent to refreshable Braille displays.   | Refreshable Braille displays understand and interpret the semantic markup built into the program's core eBooks, which are built upon the EPUB standard.   |
| <b>How are the following navigation features provided in the instructional materials:</b>  |   |
| Non-text navigation elements (buttons, icons, etc.) can be adjusted in size  | Yes.  |
| All navigation elements and menu items have keyboard shortcuts   | Yes.  |
| All navigation information can be sent to refreshable Braille displays   | Yes. See above.   |
| <b>How are the following study tools provided in the instructional materials</b>   |   |
| Highlighters are provided in the four standard colors (yellow, rose, green, blue).   | Yes.  |
| Highlighted text can be automatically extracted into another document  | Notes, highlights, and underlined text can be meaningfully aggregated in the eBooks. Development is underway to allow for export to other formats.  |
| Note-taking tools are available for students to write ideas online; as they are processing curriculum content                        | With any text in the eBooks, students can highlight, underline, or add specific notes to text to help them better comprehend and analyze the main ideas.  |

|   |   |
|---|---|
| <b>Which of the following assistive technology supports, by product name, have you tested for use with the instructional materials:</b>                                       |   |
| HMH typically tests on Voiceover (mac/os) and Jaws/NVDA (windows)   |   |
| <b>Assistive technology software that can be run in the background. Examples include:</b>   |   |
| Magnification   | Yes   |
| Text-to-speech  | Yes   |
| Text-to-American Sign Language  | No  |
| On-screen keyboards   | Yes   |
| Switch scanning controls  | No  |
| Speech-to-text  | Yes   |
| 1. 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 | <p>The program is available in print format.</p> <p>A synchronized content structure for the digital and print student environments where most core content is replicated in both environments. The Teacher Guide will delineate which elements are print-only or digital-only. Other digital-only assets, such as Online Resources, will be available as PDFs, so teachers can print and distribute to students.</p> |

- **WHAT LICENSING POLICIES AND/OR AGREEMENTS APPLY?** (If software is being submitted, please attach a copy of the company's licensing policies and/or agreements.)

*ExamView* is embedded and available online via the Teacher Resources tab, so no software installation is required.

- **IDENTIFY WHICH INDUSTRY STANDARD PROTOCOLS ARE UTILIZED FOR INTEROPERABILITY?**

*Ed* will support IMS Global Interoperability Standards and Common Cartridge. EPUB is also supported in core eSE/eTE products.