Text: ***The Puzzle Under the Sea: Marie Tharp Maps the Ocean Floor***

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| **Claim 1 Targets** | **DOK Level 1**  **Recall &**  **Reproduction** | **DOK Level 2**  **Basic Skills**  **Concepts** | **DOK Level 3**  **Strategic**  **Thinking & Reasoning** | **DOK Level 4**  **Extended**  **Thinking** |
| **Key Ideas & Details** | ***Identify*** two ways that people measured the depth of the oceans. |  |  |  |
| **Central Ideas** |  | ***Locate*** information to support the idea that scientists collaborate and seek the help of other scientists to help them to answer questions. |  |  |
| **Word Meanings** | ***Explain*** what soundings are. | ***Define*** the concept of the continental drift.  ***Gaze*** in this context most nearly means:   1. look 2. glance 3. peek 4. stare |  |  |
| **Reasoning & Evaluation** |  |  | ***Identify*** and ***infer*** key details that support that Marie was disciplined, motivated, collaborative, inquisitive and creative. |  |
| **Analysis within & Across Texts** |  |  | ***Infer*** how the author wants the reader to perceive Tharp’s character. Utilize evidence from the text. | ***Infer*** what era Tharp was making reference to when she stated, “In those days it wasn’t easy being a woman and a scientist…” |
| **Text Structures & Features** | ***Sequence*** the steps Marie Tharp took to map the ocean floor. | ***Create*** a timeline of Marie Tharp’s life. |  |  |
| **Language Use** |  |  | ***Infer*** what the author meant when he wrote, “But I bit my tongue.” | ***Conduct*** a rhetorical analysis of the text and identify & elaborate on at least six different examples of author’s craft used to inform the reader about Tharp’s life, experiences, & motivation. |