

Deep Sea QAR Answer Key

Since students will generate their own questions, below are examples of **possible accurate responses**:

- **Right There (answer is in one place):**

What is the name of the process that allows deep-sea creatures to make light? (Answer: Bioluminescence.)

- **Think and Search (combine details):**

Why do scientists need special equipment to explore the deep sea, and what have they discovered with it? (Answer: The pressure requires submarines/equipment; they've found new species on almost every mission.)

- **Author and Me (use text + background knowledge):**

How might discovering new deep-sea species change what we know about life on Earth? (Answer: It could expand our understanding of ecosystems, adaptation, and possibly medicine or resources.)

- **On My Own (based on personal ideas):**

Would you like to explore the deep sea if you had the chance? Why or why not? (Answer: Student responses will vary.)

Teacher Notes:

- **Modeling:** Show students how to create one example question for each type before they try.
- **Collaboration:** Pair students to compare and refine their questions, encouraging accuracy and creativity.
- **Assessment:** Look for whether students correctly match the type to the structure of their questions (not just if the wording is "good").