

## **Participant Notes**











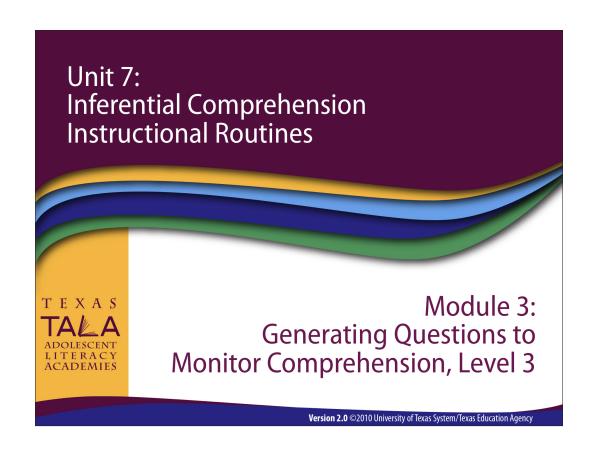


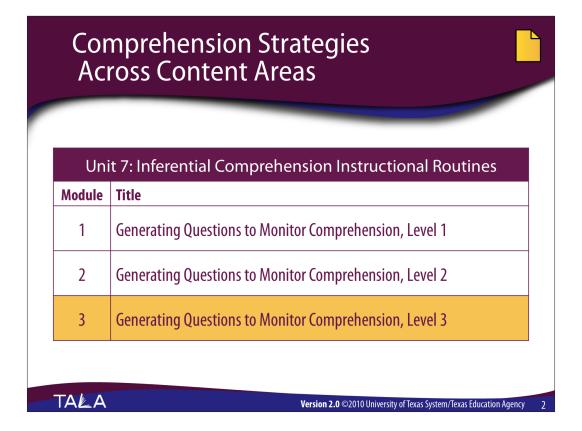
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### Objectives

- Understand how generating questions improves students' comprehension of text.
- Generate "making connections" questions.
- Apply the three-step process for explicit instruction to help students generate "making connections" questions.

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### **Promoting Conceptual Understanding**

 Asking students to generate thoughtful questions about passage content promotes their learning and understanding of the information.

(Pressley et al., 1992)

 Higher-level self-generated questions led to higher levels of students' conceptual knowledge gained from expository text.

(Taboada & Guthrie, 2006)

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# Asking/Answering Different Types of Questions

- · Level 1 Questions: Right There
- Level 2 Questions: Putting it Together
- Level 3 Questions: Making Connections
  - -Cannot be answered by looking in the text alone; require students to think about what they have just read, what they already know, and how these ideas relate

(Vaughn et al., 2006)

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### Generating "Making Connections" Questions: Modeling Phase: I Do



- Use the vocabulary instructional routine to introduce important vocabulary words.
- Briefly state the primary focus of the chapter or section and explain how it connects to students' prior learning.
- Explain the purpose for generating questions.
- Introduce the Level 3 "making connections" question type.

(Vaughn et al., 2006)

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## Generating "Making Connections" Questions: Modeling Phase: *I Do* (cont.)

- 5. Use a short passage from your text to model how to create a "making connections" question:
  - Read the passage aloud and discuss what it is about.
  - Relate something in the passage to something you have read, studied, or experienced.
  - Use stems to make a question:
    - How is \_\_\_\_\_\_ like (similar to) \_\_\_\_\_?
    - How is \_\_\_\_\_\_ different from \_\_\_\_\_\_?
    - How is \_\_\_\_\_\_ related to \_\_\_\_\_?
  - Model combining information in the passage with what you already know to answer the question.

(Vaughn et al., 2006)

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Generating "Making Connections" Questions: Modeling Phase: *I Do* (cont.)



- Talk about the passage in a way that relates to what you have already studied.
  - "This passage talked about how toxins can be both helpful and harmful. When we studied bacteria, we said that bacteria could be both helpful and harmful, too. I wonder what makes them different."
- Use a stem to make a question that helps you relate information in the passage to what you already know or have studied.
  - How are toxins different from bacteria?

"Poisons on our Planet"

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## Generating "Making Connections" Questions: Modeling Phase: *I Do* (cont.)

## Practice passage "Poisons on our Planet"

- Show how you connect information in the passage with information you already learned.
  - "I know that bacteria don't have warning signs like bright colors or labels on a package to tell us when they are dangerous, but when toxins are in plants, animals, or products, they often have these warning signs."

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## Generating "Making Connections" Questions: Modeling Phase: *I Do* (cont.)

#### **Correct Examples**

- Why is it important to learn about toxins?
- What would happen if we tried to get rid of all toxins on the planet?
- How are toxins related to what we studied about modifying the environment?

#### **Incorrect Examples**

- How is poison important to a spider?
- How can toxins be harmful to people and the environment?
- When oil was spilled in the Gulf of Mexico, how was it cleaned up?

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## Generating "Making Connections" Questions: Teacher-assisted Phase: WE Do

- 1. Use the vocabulary instructional routine to introduce important vocabulary words.
- 2. Briefly state the primary focus of the chapter or section and explain how it connects to students' prior learning.
- 3. Explain the purpose for generating questions.
- 4. Introduce the Level 3 "making connections" question type.
- 5. Have students work with partners to create "making connections" questions.

(Vaughn et al., 2006)

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# Practice Generating "Making Connections" Questions

Practice writing two "making connections" questions that could be used with the "Poisons on our Planet" passage.



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## Creating Ownership of the Routine

- 1. Introduce the routine by name.
- 2. Model with a think-aloud.
- 3. Provide meaningful practice opportunities.
- 4. Guide self-evaluation.
- 5. Expand to other contexts.

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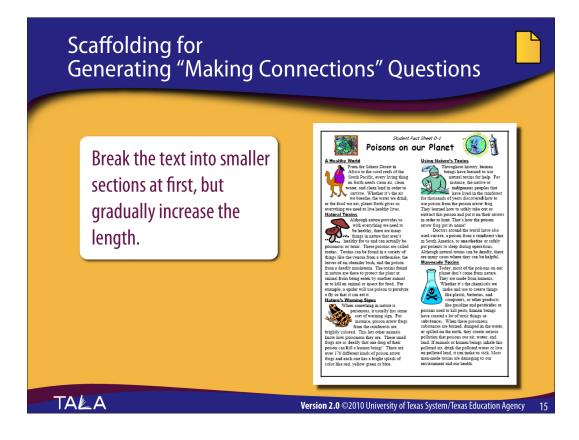
# Generating "Making Connections" Questions: Independent Practice: YOU Do



- Students may need to practice with partners several times at first.
- Students need many opportunities for independent practice in class, so you can monitor and provide prompt feedback.
- Students benefit from noting questions in margins or on sticky notes.

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### Summary

- Understand how generating questions improves students' comprehension of text.
- Generate "making connections" questions.
- Apply the three-step process for explicit instruction to help students generate "making connections" questions.

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### Reflection Log

#### **Level 3 Questions**

Think about how you might use the information presented in this module to plan instruction and support students' academic literacy needs.

- What seemed particularly useful to you?
- What ideas were new and interesting?
- What confirmed or challenged your previous beliefs?
- What questions do you still have?

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