

Name: _____ Date: _____

Section 5.2: Fluids and the Confederation Bridge

Key Question: Why is knowledge of fluids important to bridge builders?

BEFORE YOU READ

Pg 143

Look at each photograph, and ask yourself the following questions:

- What is the photograph about?
- What do I already know about the topic?
- How does the photograph relate to the topic of fluids?

WHILE YOU READ

Read pages 143 - 144

The headings in Section 5.2 have been turned into the questions below. Use the questions to guide you as you write notes for this section.

1. How are barges used in bridge construction?

2. Why do engineers need to consider the effects of water and ice on a bridge?

3. How do high winds present a challenge to bridge designers?

4. Why did engineers change the viscosity of the concrete?

AFTER YOU READ

Compare your notes with another student's notes. What information is the same? What information is different? Refer back to the textbook to edit your notes or to clarify the ideas in your notes.

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