



LESSON PLAN

STUDYING STRUCTURES

Series: Extreme Engineering

Objective

To help students find and describe key ideas while reading a nonfiction book about a famous structure that people used engineering to build.

Supplies

- One or more books in the Extreme Engineering series
- Studying Structures worksheet (attached)
- Pencils

Before the Activity

Print a copy of the Studying Structures worksheet for each student.

Activity

Each book in the Extreme Engineering series focuses on a remarkable building, bridge, or other structure that people used engineering to build and design. The book's text describes when, how, and why this impressive structure was built. Invite each student to choose one book from the Extreme Engineering series to read for this activity. Then pass out the Studying Structures worksheet. Explain that it includes eight questions about the book's main ideas. Students should look for the answers to these questions as they read. They should write their answers on the worksheet. Remind students to write each answer as a complete sentence.

Evaluation

Collect the worksheets at the end of the activity. Could students find an answer to each of the eight questions? Did they write each answer as a complete sentence?



STUDYING STRUCTURES

Student Name: _____

Book Title: _____

1. When was the structure built?

2. Why was the structure built?

3. What is the structure made of?

4. What steps or process did people use to build the structure?



5. How was the structure used when it was first built?

6. How do people use the structure today?

7. How tall or long is the structure?

8. What is your favorite fact about this structure?
