

Structures and Designs

Assignment #6 A Bridge So Far

NAME: _____

Due: _____

Instructions: Read the article and answer each question in the space provided. You do not have to answer in complete sentences.

1. What does this line mean? "Everyone knew- or so they thought - that the nearest seismic fault was 90 miles away from the bridge site."

2. How large of an earthquake is the bridge suppose to withstand?

3. When did they begin work on this bridge?

4. What two islands does this bridge link together?

5. What was the name of the world's first suspension bridge?

6. How much longer is this bridge than the world's first suspension bridge?

7. What happened to the bridge when a 7.2 magnitude earthquake occurred during its construction?

8. Why did they have to make the center span so wide?

9. Did they use cofferdams or caissons to construct the foundation?

10. Besides earthquakes, what other natural element did engineers have to make sure the bridge could withstand.

Feedback

<input type="checkbox"/> Not complete by due date <input type="checkbox"/> Answers lacked effort and knowledge <input type="checkbox"/> Shows little ability to research answers from article <input type="checkbox"/> Redo/complete questions #'s _____ <input type="checkbox"/> Parent signature required _____	<input type="checkbox"/> Completed with accuracy <input type="checkbox"/> More explanation needed for some questions <input type="checkbox"/> Shows good understanding of research process and of article <input type="checkbox"/> Correct/improve questions #'s _____	<input type="checkbox"/> Completed with detail <input type="checkbox"/> Excellent explanations given <input type="checkbox"/> Shows excellent understanding research process and of article <input type="checkbox"/> Improve questions #'s _____
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