

Name:

Date:

Class:

Research

3. Write down what you have learned about truss bridges.

Imagine

4. Based on the constraints and your research, brainstorm ideas of the bridge you want to build. Compare your ideas with your teammates and pick the design you want to try first.

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Plan

5. Draw the design your team determined to be the best solution to the problem in the space below. Label the materials you are going to use.

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Test

7. Test your bridge prototype and see how much weight it can hold.
 - a. How much weight did your bridge hold?

 - b. What do you want to change about your bridge to make it stronger? Why?

Improve

8. In the space below, draw a picture of your improved design.

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