

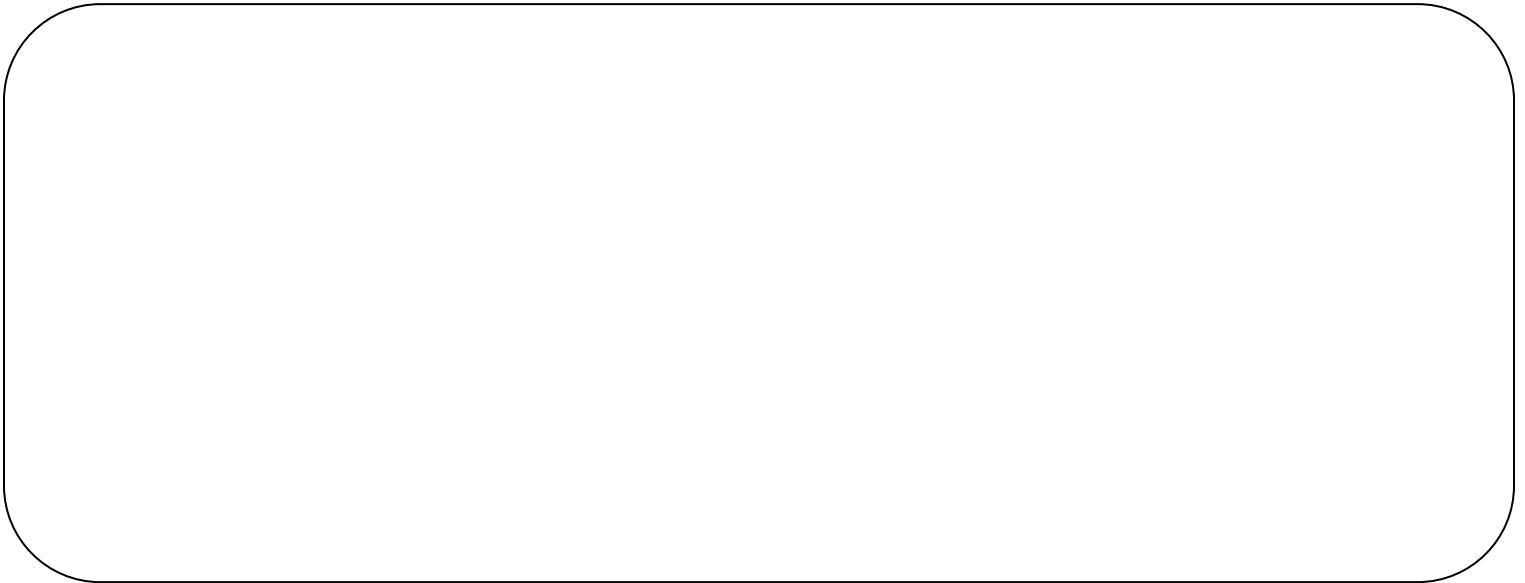
Get the Table Ready

The holidays are fast approaching and your principal is hosting a lot of friends and family at a dinner party. She won't have enough room on the dining room table to sit the guests and the food. She would like to have a table just for the food that will be served, but she doesn't have the money to buy a new one. She has materials in the garage to build one but needs a model of what to build before she starts. You will be the engineers to design the model of that table.

Your job is to create a table that will be at least 12 inches tall and can hold a dictionary (or similar book) for at least 30 seconds. You will be given 8 sheets of newspaper and an 8 x 11 piece of poster board to build this table.

Generate Ideas:

Brainstorm ideas for design. Record your ideas.



Select a Solution:

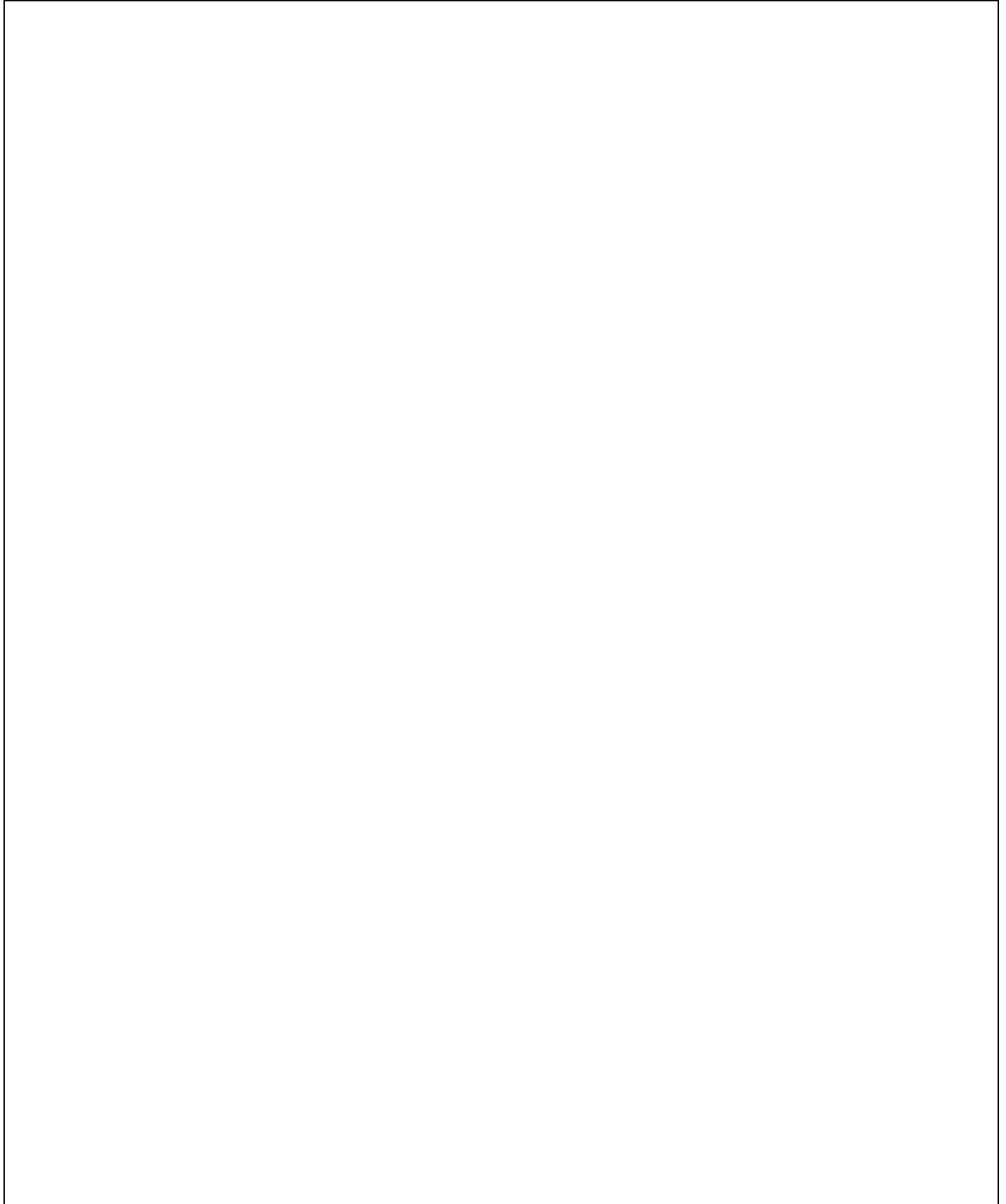
Which solution will your group be using for your design today? Why? Sketch the design below.



Get the Table Ready

Build the Item - create and test your table:

Record observations from the building process, testing, evaluation, and redesign of your wagon

A large, empty rectangular box with a thin black border, occupying most of the page. It is intended for students to record their observations and notes during the building process, testing, evaluation, and redesign of their wagon.

Get the Table Ready

Evaluate:

1. What worked with your design?

2. What didn't work with your design?

3. If you changed your design, what did you change? Why?

4. What would you do differently next time?
