Paper Bridges 2

Name: _____

Student worksheet

Date: _____

Directions: Use the table below to record your results.

1. You will have four materials to build bridges in this project. Circle the one that you think will make the strongest bridge.

   paper cardstock aluminum foil wax paper

2. Talk with your class about how to test the materials for strength. Use this table to write down your results.

Test	Paper	Cardstock	Aluminum foil	Wax Paper

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Name: _____

Student worksheet

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Directions: Use the table below to record your results.

3. Now what material do you think will be the strongest? Did your answer change or stay the same?

paper cardstock aluminum foil wax paper

4. Build a bridge out of each material and measure how many pennies it can hold. Remember to make all of your bridges the same shape.

Bridge Shape (draw a picture):	
Material	**Number of Pennies**
Paper	
Cardstock	
Aluminum foil	
Wax paper	

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Name: _____

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Directions: Complete the step below.

5. Rank your bridge materials from strongest to weakest:

(Strongest)	1	_____
	2	_____
	3	_____
	4	_____
(Weakest)	5	_____