



STEM CHALLENGE

Science | Technology | Engineering | Math

Name: _____ Date: _____

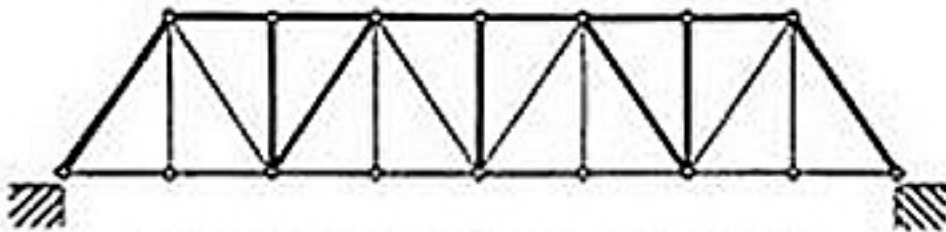
Today's Challenge: Spaghetti Bridge

You must build a bridge out of uncooked spaghetti noodles.

Your bridge must span a distance of 8 inches and support a paper cup full of pennies (about 1/2 pound).

For this challenge, you can only use the following materials:

- Uncooked spaghetti noodles*
- Scotch tape*
- Small rubberbands*
- 2 chairs or tables, 8 inches apart (distance bridge must cross)*
- Paper cup full of pennies (to test structure)*



DESIGN PAGE:

*Explain your approach to this challenge
and draw a diagram:*

OUTCOME:

What were the results of this challenge?

EVALUATE:

On a scale of 1 to 10, how well did you accomplish this challenge? Why would you give yourself this grade?

Your Grade

What would do differently next time?

REFLECT:

How might the skills to complete this challenge carry over into real-world applications?

Hint: Think about how design and building/engineering skills can helpful with this challenge!