



DESIGN CHALLENGE

Build an Arch

Build an arch that is three feet tall.

What You'll Need

- 1 box of spaghetti noodles
- 1 bag of miniature marshmallows

Quote:



Explain the quote listed in your own words, and then describe how it applies to the design challenge.

"If you do not believe in yourself no one will do it for you."

- Kobe Bryant



Reflection Questions:

What did you know about an arch that helped you in this challenge?

Which design aspect is important to include if you were to redesign for a taller arch?



Redesign Challenge:

Build an arch tall enough for everyone in your family to pass under.



Overall Design Reflection Questions:

- What were some interesting discoveries you made while working on the Design Challenges?
 - About the problems? About yourself?
- What were some of the difficulties of the Design Challenges?
 - What made them difficult?
- What were some learning moments?
 - What made them so?
- How can you use what you have learned in the future?