DESIGN CHALLENGE #2

MARSHMALLOW TOWER

DESIGN BRIEF

Problem: How can we design strong yet inexpensive structure to support an object?

Criteria: Build a freestanding structure with one marshmallow place at the top of the structure.

Constraints: You may use the following materials: 20 sticks of spaghetti, one yard of masking tape, one yard of string, one marshmallow. You must work in teams of four. You have 30 minutes to build the tallest freestanding structure.

SHARE YOUR SOLUTIONS

What do you think is the best feature of your design? Why?

What are some things everyone's designs have in common?

What would you do differently if you had more time?

What were the different steps you had to do to get your project to work the way you wanted?