

Marshmallow Towers

Objective: What shapes and structures can you make with just toothpicks and marshmallows?

Supplies:

Marshmallows

Toothpicks

Paper Plate

Pennies

Procedure/Activities:

- Using only toothpicks and marshmallows, trying build the following:
 - A flat triangle
 - A flat square
 - A pyramid
 - A cube
- Once you have mastered basic shapes, try building a tower. How tall can you make the tower?
- After building your tower, try to build a structure that can support a paper plate.
 - Add a penny to the plate. How many pennies can you add before the structure collapses?
- Make a structure of your own design. Be creative!

Discussion Questions for the Family:

What shape do you think is the strongest? Why?

What shape do you think is the weakest? Why?

What was difficult about building a tall tower? What was easy? What was fun?

What was difficult about building a strong building? What was easy? What was fun?