

Marshmallow Toothpicks

Goal: Learn how to work well in a team while efficiently and effectively utilizing limited materials to build a stable structure (must be at least three stories tall)

Materials -

- mini marshmallows (30 per team)
- toothpicks (60 per team)

Procedure -

1. Give all teams the necessary materials
2. Come up with a design with your team
3. After 12 minutes, teams must step back from their design
4. Take turns placing each tower on a table. Shake the table to simulate an earthquake to test the tower's stability.

★ Explanation: A triangle is the strongest geometric shape since stress/pressure is evenly distributed between the points instead of concentrating at one point.

Image(s) -

