

Marshmallow Tower Engineering Challenge #2

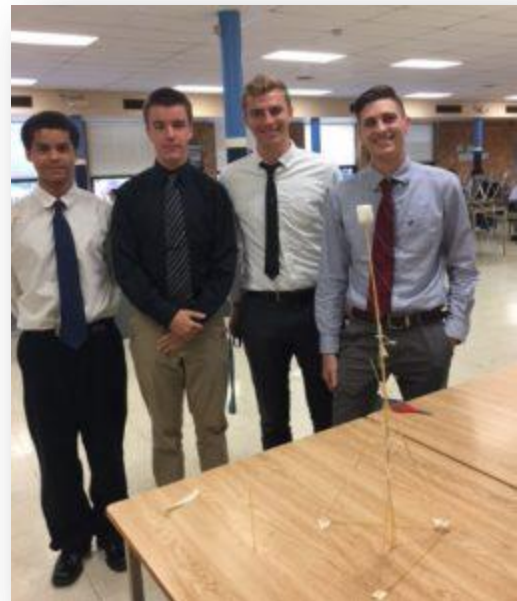
Rules/Design Constraints:

Build the Tallest Freestanding Structure: The winning team is the one that has the tallest structure measured from the table top surface to the top of the marshmallow. That means the structure cannot be suspended from a higher structure, like a chair, ceiling or chandelier.

1. **The Entire Marshmallow Must be on Top:** The entire marshmallow needs to be on the top of the structure. Cutting or eating part of the marshmallow disqualifies the team.
2. **Use as Much or as Little of the Kit:** The team can use as many or as few of the 20 spaghetti sticks, as much or as little of the string or tape.
3. **Break up the Spaghetti, String or Tape:** Teams are free to break the spaghetti, cut up the tape and string to create new structures.
4. **The building and testing stage lasts 30 minutes:** Teams cannot hold on to the structure when the time runs out. Those touching or supporting the structure at the end of the exercise will be disqualified.

There were eleven groups or teams that competed. Each group planned, designed, constructed and tested their towers. Four teams earned prizes. The winners ranged from 29 inches to 19 inches tall.

Tim Shell '18 was the winner of this challenge!



Pictured is:

Caleb Johnson '20, Tim Shell '18, Jonathan Shucofsky-Popa '18, Anthony Sweet '19