

Wednesday Challenge Form

Group Members: Jess, Jon and Sona

Problem Statement: Teams design their own structure using sketch up. Marshmallows, graham crackers and pretzel sticks will be used to build them. Another sketch up model will be given to build the model.

Approach: We measured all the dimensions of the marshmallows, graham crackers and pretzel sticks. To build the tower, our plan was to put pretzel sticks between two marshmallows so they stay tight together and stack the graham cracker on top repeating the same steps over and over to stack them. For building, we received Tyler, David, Jaden and Evan's design which was to stack up 29 graham crackers together.

Solution: The winners had 16 marshmallows, 4 pretzel sticks and 9 graham crackers. The difference between the height built and height CAD was only .5 off.

Lessons Learned: If I would do this challenge again, I would try to make sure that the building is illegible for the other team to build