

Using ALL of your materials, you need to attempt to build the tallest tower in the classroom. Use the Scientific Method to plan out your process before you begin. That means do some research FIRST and write a hypothesis NEXT!! Come see me for materials when you have completed the first three steps. Have fun!!!

Materials:

20 pieces of thin spaghetti

10 mini marshmallows

10 normal sized marshmallows

5 index cards

1 foot of tape

Marshmallow Tower Planning Sheet

Purpose/Question What is the goal of this experiment? What do you want to accomplish? What is the problem that has been posed?	
Research Do you have any prior knowledge about building towers with materials?	
Hypothesis How does your group propose to build your tower to make it the tallest?	
Experiment Now design and build your tower based on what you know. What is your plan?	
Analysis Record the results of your tower building. What happened?	
Conclusion Compare your hypothesis to the end result.	

Marshmallow Tower Analysis

1. How tall is your completed tower? Remember to use the metric system.
2. How tall is the tallest tower in your class?
3. What is the difference in height between your tower and the tallest tower?
4. Describe the construction of the tallest tower. How are your tower and the tallest tower different?
5. Name one constant in this experiment.
6. Name one variable in this experiment.

