

Marshmallow Mania

Engineering Curriculum - Structures



Learning Objective

Children will be able to learn how different shapes and heights have differing stability. They will understand how all components of a structure must work together in order to be successful.

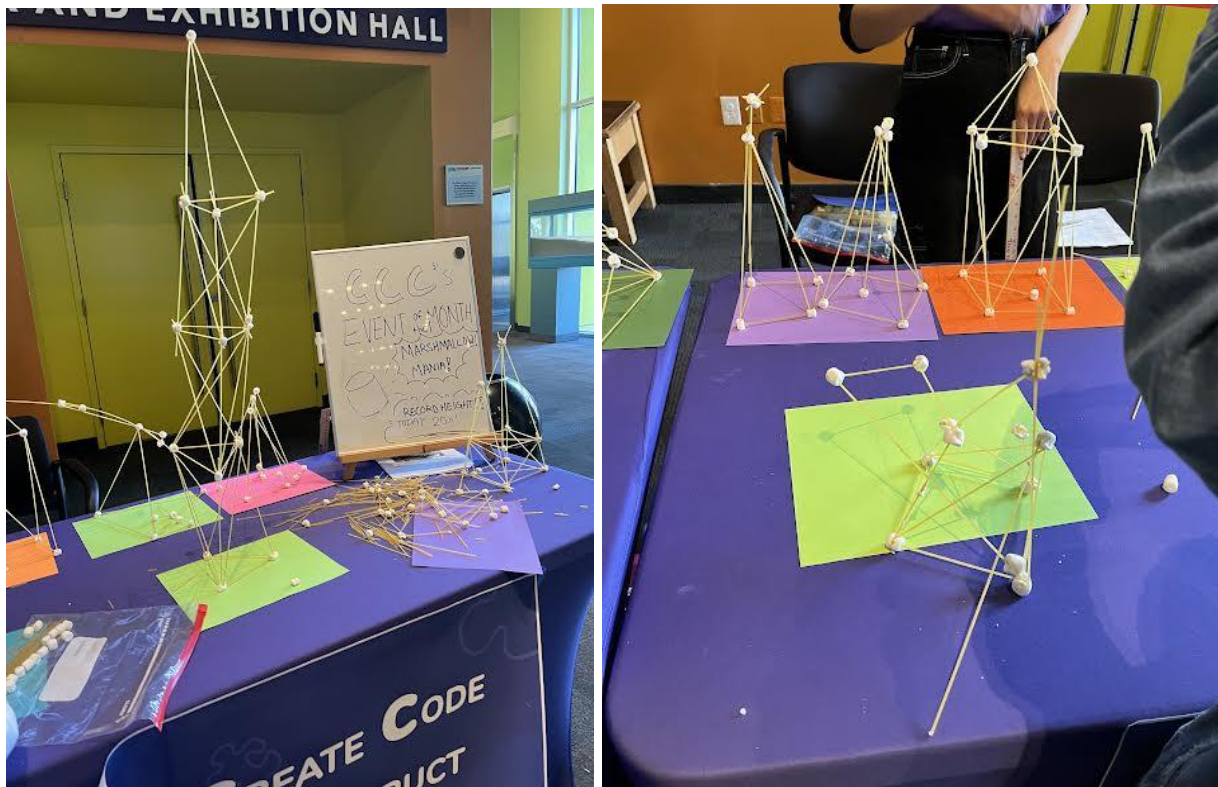
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Materials Needed

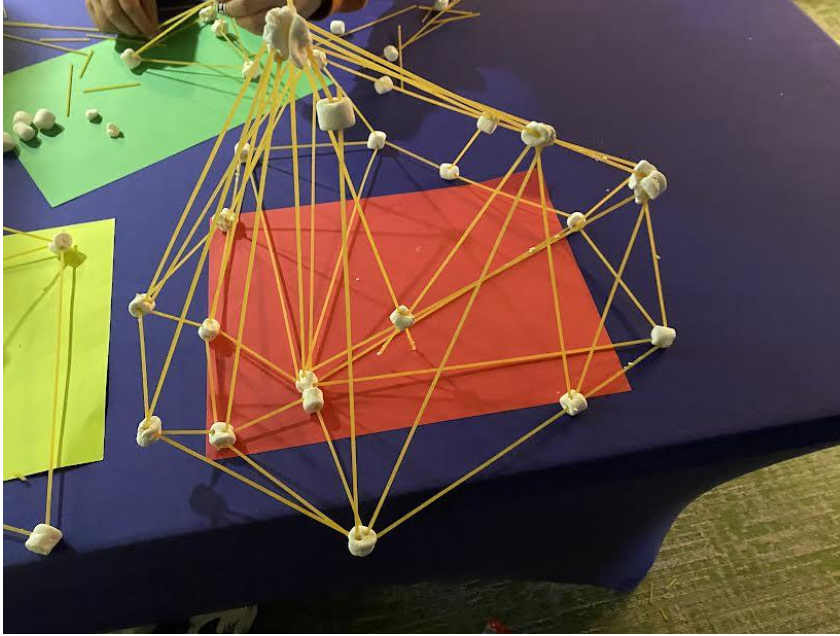
- Mini marshmallows
- Spaghetti sticks
- Ziploc Bags
- Cardstock paper

Photo Examples:



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Activity Procedure

1. First, open the plastic ziploc bag with the needed materials
2. Then, gently lay out the contents of the bag on the cardstock paper on the table
3. Kids will build a structure on top of the cardstock paper in front of them with the spaghetti sticks and mini marshmallows
4. They will try to build a structure as tall as they can
5. Volunteers will use yardsticks to measure the height of the structure
 - a. Optional! Shake the cardstock paper to see how long/well the marshmallow structure will hold