



#FontanaTogether

## Building Structures with Jelly Beans

Building structures with candy is a classic engineering project for all ages. We absolutely love building with toothpicks and candies. It is quick and simple and loads of fun! Normally, we do several challenges along with our building, however this time around, we wanted to “grow” our creations. You can choose to lead your children in an activity or let them freely explore.

### Materials:

- Toothpicks
- Jellybeans

### Instructions:

1. Gather the materials.
2. Ask the students to draft or write a plan for their jelly bean structures.
3. Have the students challenge themselves by building the largest structures possible.
4. Have the students measure their structures while they are building it and upon completion.

### Skills Involved:

In addition to the engineering involved, I also have my students measure their structure at three different points in the construction. They complete a final measurement, as well. You can also have them determine the difference between their first measurement and their final measurement for even more math skills.

