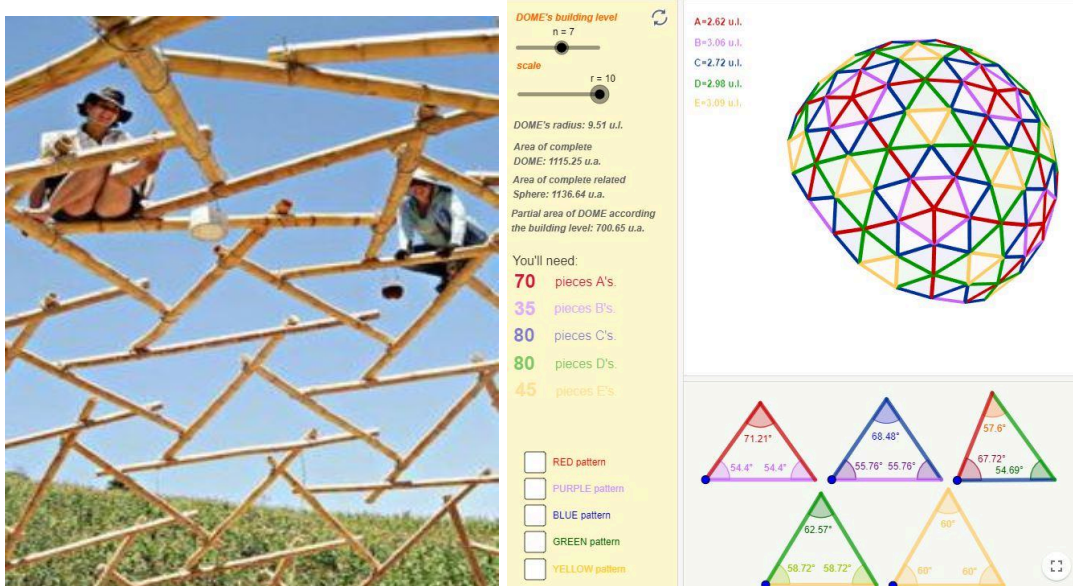
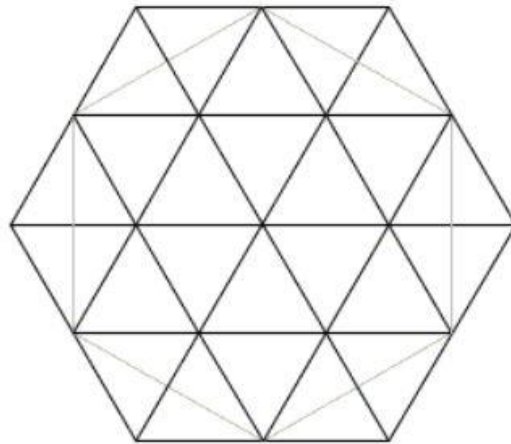
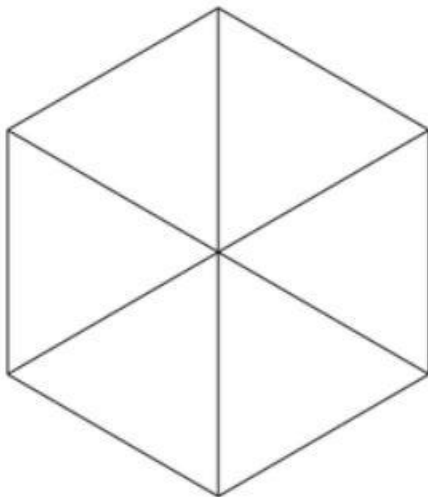
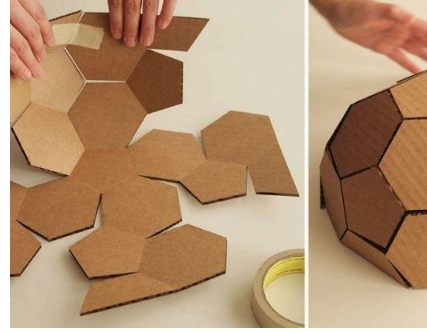


Maker Space Project - The Geodesic Dome

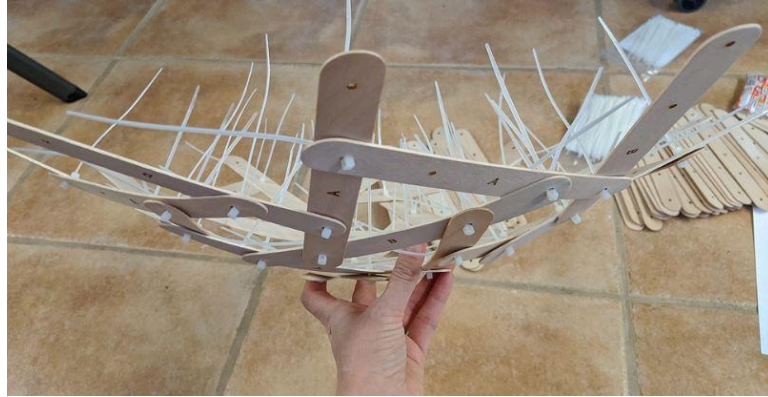


So one of our projects in class was going to be the construction of a geodesic dome. This is a follow up project that is based on the geometry units in your math classes. These domes are super strong structures that instead of using traditional square and rectangle forms of construction, they use various forms of triangles as their structure. That's right...Angles, Angles, Angles!!!!





The idea is to keep it simple. Just about any material can be used as long as the pieces are all the same size. Some materials you may have around the house for this project include popsicle sticks, straws, cardboard, wood from your dad or mom's shop, etc. Tools you could use are things like a cordless drill, hole puncher, screwdriver, etc. And ways to attach the "struts" are things like glue, glue gun, string, zip ties, screws, etc.



There are dozens of ways to build these domes from simple stick (strut) or panel (see cardboard image above) structures to very complex domes like our very own ASM Building in Newbury. Some of us may need help from our parents or older siblings. Look at the pictures to get an idea of how to proceed.

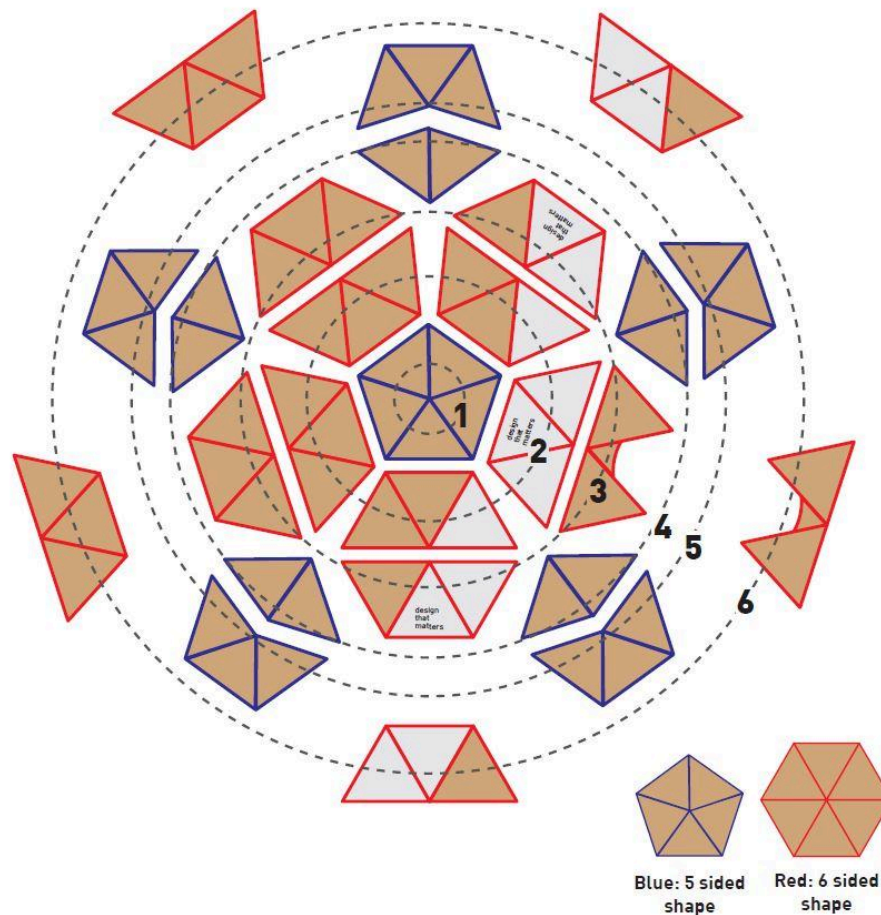


Here are some simple directions. Feel free to improvise, invent, or go all out on this by using materials of your choice, setting your own dimensions (strut lengths or panel sizes), etc. **Please share with me any projects you create or build by taking pictures and sharing files. Send them to**

me [here](#) by attaching or sharing using your gmail account. I will post them on the website on our virtual display board.

Click on this link:

[Simple visual plan that can be done with struts or panels](#)



I miss you all and look forward to hearing from you and seeing some great designs!!!!

Send them to me [here](#) by attaching or sharing using your gmail account. I will post them on the website on our virtual display board.

Mr. K