

ANIMAL LIKE STICK STORAGE UNIT (6th – 8th)

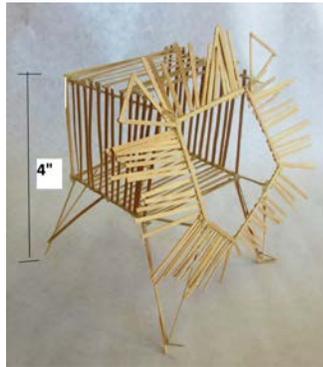
PROBLEM: Design and build a storage unit that looks like an animal. The storage unit is to be fabricated from wood 1 1/2" x 1/2" strips. Maximum overall size of the storage unit is to be 2' deep x 4' wide x 3' high.

You should be able to

- store within it
- store on it
- hang from it
- or store ????

It should store

- books
- cd's
- movies
- hang clothes or folded clothes
- small objects



MODEL



DESIGN

1. Start by making a model at architectural scale from wooden sticks, (use a hot glue gun to connect the pieces)
(You may want to sketch your idea first or just experiment with the wood sticks directly.)
2. After you have made a 3-d sketch model (first cycle) either refine your ideas by making a second model or make another model totally with different ideas (second cycle).
NOTE: SAVE ALL YOUR MODELS. PUT YOUR INITIALS ON EACH. DO NOT THROW THEM AWAY
3. Decide how you want to finish the unit (paint, stain, clear varnish, etc.)
4. Get approval from one of the instructors and then proceed to building your design at full scale. The instructor will explain how to determine the full size of each of the pieces needed.

5. **BUILD**

6. Make a list of the size and quantities needed of each piece.
7. Cut out each piece.
8. Sometimes it is easier to sand the pieces before you assemble them. If you think it is then sand and/or paint them before putting the unit together.
9. Assemble your design by gluing and nailing the strips together. Remember, the nails only hold the strips in place until the glue dries. It takes two hours for the glue to dry.

Congratulations, Take home and enjoy

