Project Make
Pizza Box Project

Visualize a world where you had a large number of Mombo's Jumbo size pizza box lids. Each is an 18 inch by 18 inch piece of cardboard, free from grease or food stains, blank on one side, with colorful Mombo's advertisements on the other. (I actually do have 10 of these in my garage, I've been saving them for months.)

Now... think about what you could make with one or more of these pieces of cardboard.

Then... design it.

Requirements:

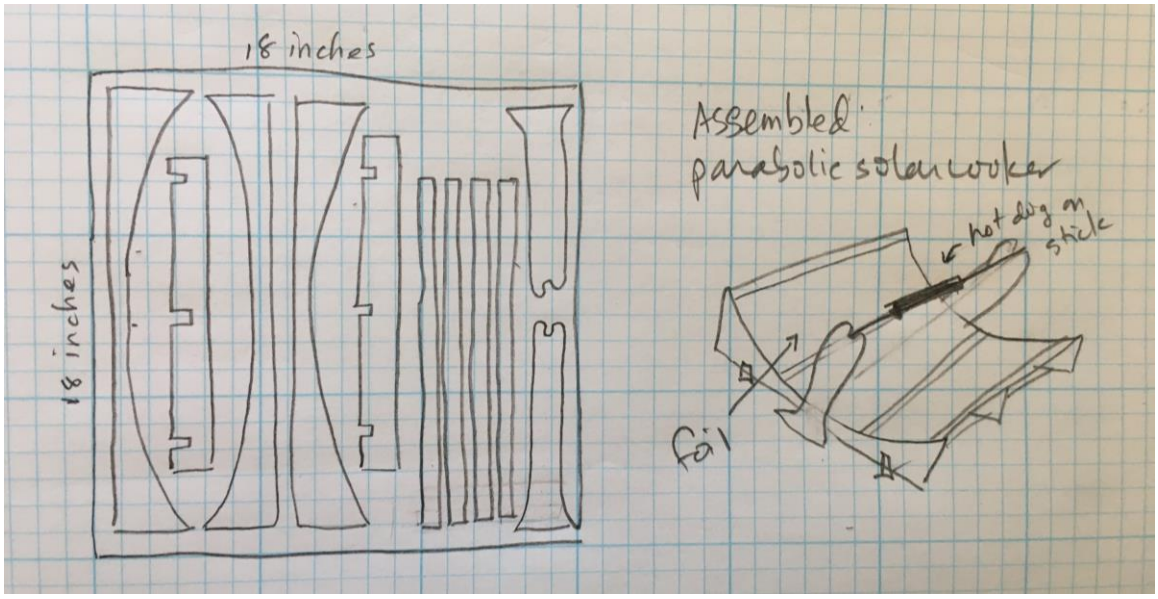
- Think up something interesting you could make with one or more of these 18 by 18 inch pieces of cardboard.
- Assume that we would cut out your creation using the laser cutter or a very sharp knife, meaning you can make very detailed pieces and they would cut out perfectly. Since we're not actually going to make this project, we can imagine that cutting the cardboard is easy and perfect.
- Sketch your design on a piece of paper. Start by drawing a square that symbolizes the 18 by 18 inch pizza box top. Then sketch the parts of your creation as they would be arranged on the cardboard before you cut anything out. You don't have to make the drawing perfect, but do try to make the pieces proportional/properly sized given the size of the cardboard (18 inches square).
- Separately, sketch your creation assembled. See my example below.
- Say what your final creation is.
- Take a photo of your drawing and turn that in on the Google Classroom.
- (If you prefer to create the object in Gravit, go for it.)
- Your project should use up most of the cardboard. In other words, please don't create a tiny little thing up in one corner of the 18 by 18 inch cardboard.
- Your project can use as many of these sheets of cardboard as you want (but using a single one is fine, too.)

Some ideas (you are not limited to these, obviously, have fun, be creative): a box, airplane, vehicle, racetrack, bird feeder, banana holder, parabolic solar cooker, topographical map with layers, city, dinosaur, dog, cat, fish, boardgame, robot, rocket, model of a room, etc. You can design anything.

Let me know if you have any questions.

Sample project on next page.

Mr. Hays' parabolic solar cooker plans (left) and sketch of finished item (right):



You don’t have to use graph paper, but if you have graph paper, it's probably easier to draw on that (I used one square = one inch, you could use a different scale if you want.)