

10/11/10: Inflatable Structure Project Day 3

Today

- Continue on your Detailed Drawing – it is due Wednesday.
 - ❖ Pick one thumbnail drawing for your detailed drawing.
 - ❖ Use one full 8.5" x 11 piece of paper.
 - ❖ Use rulers, circle templates and other drawing aids.
 - ❖ Make the drawing look as real as possible.
 - ❖ Include notes for all necessary details.
 - ❖ Show two views (a side and front for instance).
 - ❖ Part of the grade will be neatness.
- Flat platonic solids
 - ❖ You are going to be making paper models of your detailed drawing.
 - ❖ You will have to take a flat, two sided drawing and turn it into a real model that has three sides.
 - ❖ You need to visualize what a three sided platonic shape would look like if it was cut open and laid out flat.
 - ❖ You also need to consider where to cut or fold your paper.
 - ❖ One example is the cross shape that turns into a box when it is folded and taped.

- Start your Paper Model – it is due this Friday
 - ❖ Pick a partner – it has to be someone you will work with.
 - ❖ Pick one of your detailed drawings.
 - ❖ Get approval (a signature) from Mr. H or Mr. K for your model design before starting your model.
 - ❖ The model **HAS TO BE** made from 10cm by 30cm paper.
 - ❖ Use rulers, circle templates and other drawing aids.
 - ❖ Hold the model together with tape.
 - ❖ There should be no overlapping sections on your model.
 - ❖ Include the air passages between shapes in your model.
 - ❖ Include both your names on the model.

When you are finished with something

- ❖ Have Mr. H or Mr. K look at your thumbnails, detailed drawing, and paper model.
- ❖ Turn them into the basket.
- ❖ **Remember** - get your donation letter turned in!
- ❖ **Remember** - CAD4 is due this Wednesday.