**Student Instruction Sheet: Gingerbread House- A Semester Review**

Together with your teammates, you will design and build a gingerbread house according to the instructions below. Once your team has completed their gingerbread house, you will place the house on the long table on the left for peer judging. Tomorrow each group will review every house submitted and rank them. The three groups with the most 1st, 2nd, and 3rd place finishes will be our winners and receive a prize. A rubric will also be provided to make it easier for you to ensure that your group has met the minimum requirements for grading.

Team Capitan: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Team Recorder: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Other Team Members: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Instructions:**

1. **Step 1: Design your Gingerbread House:**
   1. Using the blank gingerbread house drawing provided, OR graph paper if you prefer to draw it yourself, sketch out the design you will use to decorate your gingerbread house.
   2. For the ROOF, your design must include a TESSELLATION of some kind. You can use candy or just icing in a pattern to create this tessellation. On the line below, provide the definition of a tessellation in your team’s own words and a description of the tessellation your team will be using.
   3. Tessellation Description and Definition: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. **Step 2: Complete Required Calculations:**
   1. Using the ruler and protractor provided your team will complete the calculations required of you on the other sheet your team was given. **ALL CALCULATIONS MUST BE COMPLETE BEFORE CONSTRUCTION CAN BEGIN.** Once your team is finished with its calculations, you will show Mrs. Pfleiger the completed sheet and she will provide you with the final supplies you will need to build your gingerbread house.
3. **Step 3: Construct your Gingerbread House:**
   1. Utilizing your team’s gingerbread house draft plans, the provided gingerbread, royal icing, candy, and tools provided your team will now construct your gingerbread house. If you need assistance with this step, have your team Capitan raise their hand and ask for construction help.
4. **Step 4: Finalize and Submit your House for Judging:**
   1. Once your group feels its gingerbread house is complete, take the time to compare your final products to the project rubric. Make sure that your gingerbread house, house draft, and house calculations all meet the minimum requirements set forth in the project rubric.
   2. Once your group is sure that it meets the minimum requirements, the gingerbread house should be placed on the piece of white copy paper that was provided to you and should be labeled as follows: on one side of the paper, place the names of all group members, on the OTHER side of the paper give your gingerbread house a name. This is the name the other groups will place on the “house rankings” sheet during judging tomorrow so make sure that the house name is unique (meaning no other houses have been submitted with that name [YES GO CHECK]), legible, and anonymous. Finally, place your gingerbread house with the house name face up so that the gingerbread house itself does not obscure the house name along the long table to the left of the classroom.
   3. Gingerbread house name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_