

GINGERBREAD HOUSE

HOLIDAY (DECEMBER) DESIGN ACTIVITY

You have entered into an Architecture Design Competition. Your task is to create the most unique GINGERBREAD House. You must create a plan, including detailed sketches of your design. You will have 4 classes to complete this task. Teamwork is of utmost importance, you will not be able to complete this task successfully without the help of your teammates.

You have a budget of **\$325,000.00**. See the list of materials below to ensure you *purchase* enough supplies and DO NOT go over budget. Any materials that need to be replaced (broken/damaged) will have to be purchased out of your budget.

All materials have a cost associated with them. Keep track of ALL supplies used. At the end of this challenge, your team **MUST** express the plan behind the design, how it was build and how much is required in material costs.

Keep in mind that you are designing the Exterior Elevations of your Gingerbread House. The interior is not necessary to display for this project.

Designs must be completed by Thursday, December 22.

Materials List

Graham Crackers	\$10 000.00 ea
1 mini marshmallow (colour)	\$6 000.00 ea
1 mini marshmallow (white)	\$5 000.00 ea
1 sour jujubes (various colours)	\$6 000.00 ea
1 nib (short)	\$4 000.00 ea
1 pretzel (straight)	\$5 000.00 ea
1 piece of licorice	\$7 000.00 ea

**icing sugar/icing is provided at a flat rate of \$150,000 – this is all your hardware/fasteners, paint, and other finishing supplies.

This GINGERBREAD House must be stand alone. Supports should be part of your design. You are allowed to have a MAXIMUM of 6 free bends/corners on your home, each additional corner will cost you 1000.00.

You are welcome to bring your own supplies to help you create a unique Gingerbread house. All aspect of the house **MUST** be edible. Individual supplies are brought in by group members and do not deplete your funds.

This is your opportunity to be creative. Creativity is essential is creating a Unique Design. On Thursday, your classmates will vote on the Most Unique Gingerbread House.

GOOD LUCK AND HAPPY CONSTRUCTION!