

Second Grade December STEM Challenge

Objective: Engineer an edible gingerbread house.

Plan: Draw a design of your gingerbread house.

Design: Follow your plan to create the edible house.

Improve: Does it stay together? Does it follow the guidelines?

Share: Share with your family how you made your gingerbread house. Use details from the design process to share with your class, explain how you designed the house to stay together and what materials you used.

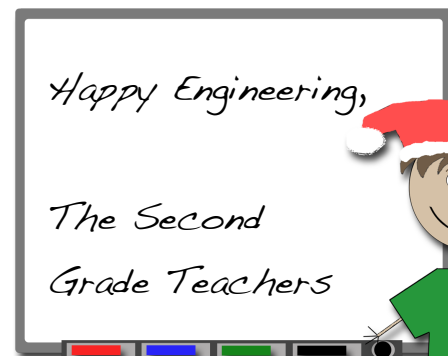
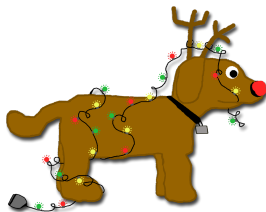
Guidelines

1. It must be made of at least four materials.
 - a. A solid foundation (does not have to be edible)
 - b. Structure (walls/roof)
 - c. Adhesive (something to hold it together)
 - d. Decorations
2. It cannot be completely bought. If needed, materials can be purchased.
3. It cannot be smaller than a baseball or bigger than a basketball.

There will be featured guest judges to judge the gingerbread house competition. Awards in each class will be given to houses based on,

Theme
Durability
Most Visually Appealing
Best Use of Material

Due Date: December 16th Presentations will be this week (12/16-20). All houses will be sent home on December 20th or be thrown away.



Happy Engineering,
The Second
Grade Teachers