

Gingerbread Geometry

Geometry Mini-Unit

Name: _____

Teacher: _____

Next week, you will design and build a gingerbread house based on geometric figures. To successfully complete this project, you will need to accomplish the following tasks:

1. Create a **blueprint** of your gingerbread house using a variety of geometric shapes
2. Build an original, **three-dimensional** gingerbread structure based on your blueprint
3. Calculate the **volume** of your composed figure using geometric formulas
4. Present your gingerbread design to your class

In order to make this project a success, we will need building supplies. We are asking each student to bring in the following ingredients no later than Monday, Dec. 12:

- 🌲 1 box of graham crackers
- 🌲 1 container of vanilla frosting
- 🌲 A base material to support your structure (ex: a small milk carton/food container)
- 🌲 Optional: Leftover Halloween candy (to decorate!)

Due Dates

- Monday, Dec. 12: Materials and permission slip due for your Gingerbread Project
- Wednesday, Dec. 14: Gingerbread Project Building Day!

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Gingerbread Geometry - Parent Letter

Dear Parents,

We are asking each fifth grader to bring in the above materials (🌲) for next week's Gingerbread Geometry Project. Please review the project details and sign/detach this slip for your child to hand in with their supplies by Monday, Dec. 12. If you have any questions or concerns, please reach out to your child's math teacher: dosullivan@holychildacademy.com or mdeluca@holychildacademy.com.

Thank you!

Mr. O'Sullivan and Mrs. DeLuca

Student: _____

Parent Signature: _____

