

Let's Make a Gingerbread House!

Book: The PLAN for the Gingerbread House: A STEM Engineering Story

The gingerbread man and woman need a new home! A team of kids struggle to create the perfect gingerbread house. The project guidelines are clear: the winning house must stand upright on its own and a gingerbread boy and girl must fit inside. Sounds easy?

Engineering is a creative process. That means you must learn to overcome problems and persevere. Inspire budding engineers to think about the classic gingerbread house in new ways.

Supplies:

• Gingerbread House Magnetic Tiles

• Gingerbread People

From Crayola, Magnetic tiles Offer... Hands on Learning! - Make learning fun, whether it's colors or shapes, your kiddos will enjoy learning with so many options. Especially designed for little hands which makes for easy play and interaction. Your kiddos will love the vibrant colors and play patterns of these sets. Learn early math concepts, Number Graphing, Building Patterns, Shape Puzzles, Simple Addition Sentences, Math Equations, Building Patterns. Shh! Don't tell the kiddos they're learning!

The child can use the magnetic tiles by themselves or give them a ruler to measure with. Can it withstand if someone shakes the table? Or if a younger kids comes running by?

Discussion Questions:

- Can you draw your house before you build it?
- What other items can you use to build a gingerbread house?
- Will the gingerbread people fit inside?
- What if someone removes a tile from the middle? What obstacle could that present?

Early Learning Standards (may meet other standards not listed):

PHG2.1: Demonstrate how the five senses support processing information

APL4.1: Demonstrate development of social interactions during play

SC1.2: Demonstrate awareness of the physical properties of objects

SC4.1: Demonstrate engineering design skills

