

# Lego Geometry Dessert



**Age Group:** K-8  
**Child/Adult Ratio:** 6 to 1  
**Take Away Artifact:** Yes  
**Approximate Time:** 20 mins  
**Divisions Covered:** All

**Materials:**  
graham crackers, frosting with coordinating colored chocolate wafers. Popsicle stick or plastic knife to mix and spread, 3 oz cups and a ruler

What is a square? What is a rectangle? What is a circle? What are the measurements of a graham cracker? What does symmetry mean? What is vertical and what is horizontal? How can we recreate a Lego using chocolate, frosting and graham crackers?

## Skills Required for Completion of Task:

### Motor skills

- Bilateral upper extremity coordination
- Ability to manipulate small objects
- Hand-eye coordination
- Ability to grip objects
- Ability to stabilize objects/task

### Process/Cognitive skills

- Ability to attend to task for greater than 5 minutes
- Follow multi-step directions
- Ability to sequence steps
- Ability to understand safety precaution
- Ability to organize or keep materials organized for task
- Ability to adjust to different workspace requirements

### Social skills

- Ability to communicate and share equipment with peers/staff appropriately

## K-8 Standards:

4.ETS2: Links Among Engineering, Technology, Science, and Society 1) Use appropriate tools and measurements to build a model.



**This activity would be appropriate completed by the following disciplines:**

Occupational therapy, LCSW, Family Services

## Instructions:

Ask the following questions: What is a square? What is a rectangle? What is a circle? What are the measurements of a graham cracker? (5 inches X 2 ½ inches) Wait for students to measure the length and width of the cracker. How can you place chocolate dots so that they are symmetrical?

Provide students with a 3 oz cup of frosting with 3-5 drops food coloring, a popsicle stick and graham cracker placed vertically on a paper plate and eight chocolate wafers that match. Mix frosting and cover crackers with frosting. Using the ruler measure ½ inch from the side and one inch down to place the first chocolate wafer. Continue placing wafers every one inch ½ inch from each side of the vertically placed cracker. Enjoy!