

# Gingerbread

## Design a House



**"Candyprint" Recording Sheet**

of the room. Write the area and perimeter.  
ion to show your work.

	Area	Perimeter
Sweet Tooth Kitchen	$3 \times 5 = 15$ A=15 square units	$5+3+5+3=16$ P=16 units
Candy Cane Bedroom	$3 \times 9 = 27$ A= 27 square units	$3+3+9+9=24$
Frosting Icicle Living Room	$5 \times 5 = 25$	-

**SAMPLE**

My **"Candyprint"** for Gingerbread House

Designed By: Mrs.B

Sweet Tooth Kitchen	Candy Cane Bedroom
Frosting Icicle Living Room	Gum Gam

**Gingerbread House "Candyprint"**

I can find the area and perimeter of closed shapes.

Well hello there!  
I'm Jenny the Gingerbread Gal.  
I've been running from everyone for days and I really could use a house! I've been looking for some time. I think as a gingerbread person, I really need someone to make "candyprints" so I can build the perfect gingerbread house! What are candyprints? They're like blueprints but much yummiere! Can you help me?

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Area & Perimeter Project



# Gingerbread

## Design a House

**SAMPLE**

My "Candyprint" for Gingerbread Home

Designed By: Mrs.B

Sweet Tooth Kitchen		Candy Cane Bedroom
Frosting Icing Room		Gum Drop Game Room

**SAMPLE**

"Candyprint" Recording Sheet

Write the name of the room. Write the area and perimeter.  
Write the equation to show your work.

Room	Area	Perimeter
Sweet Tooth Kitchen	$3 \times 5 = 15$ $A = 15$ square units	$5 + 3 + 5 + 3 = 16$ $P = 16$ units
Candy Cane Bedroom	$3 \times 9 = 27$ $A = 27$ square units	$3 + 3 + 9 + 9 = 24$ $P = 24$ units
Frosting Icing Living Room	$5 \times 5 = 25$ $3 \times 2 = 6$ $25 + 6 = 31$ $A = 31$ square units	$5 + 5 + 8 + 3 + 3 = 24$ $P = 24$ units
Gum Drop Game Room	$6 \times 5 = 30$ $3 \times 3 = 9$ $30 + 9 = 39$ $A = 39$ square units	$3 + 3 + 2 + 6 + 9 + 5 = 28$ $P = 28$ units

### Practice Skills:

- Calculating Area
- Calculating Perimeter
- Repeated Addition & Multiplication to calculate
- Application of Area & Perimeter Skills

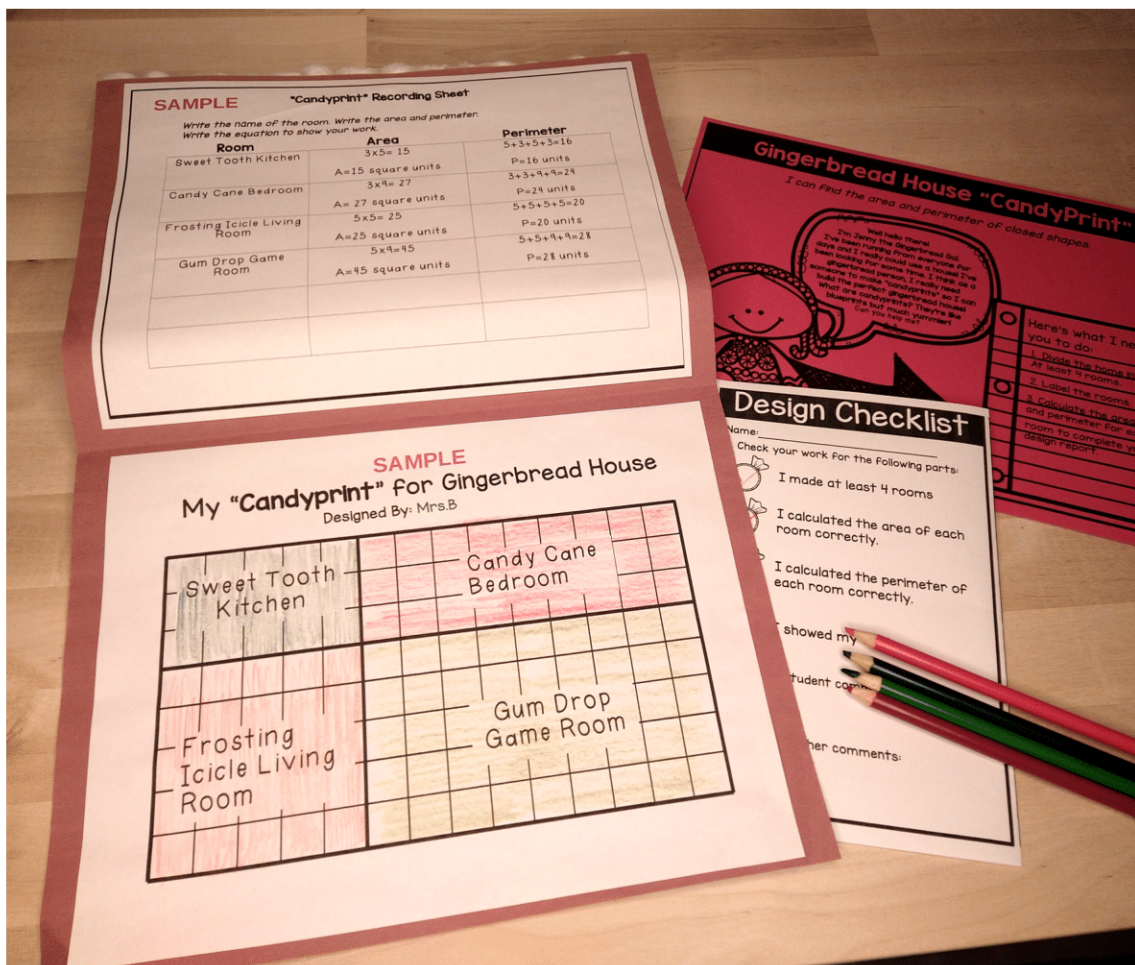
## Area & Perimeter Project

# Gingerbread

## Design a House

### Includes:

- Teaching Notes
- Project Introduction
- Project Checklist
- 2 Samples (one for basic rectangles, and one for composite rectangles)
- 3 Sizes of grid paper
- 2 Recording sheets (differentiated for students who may be counting boxes to report just the area)
- 3 Extension Activities

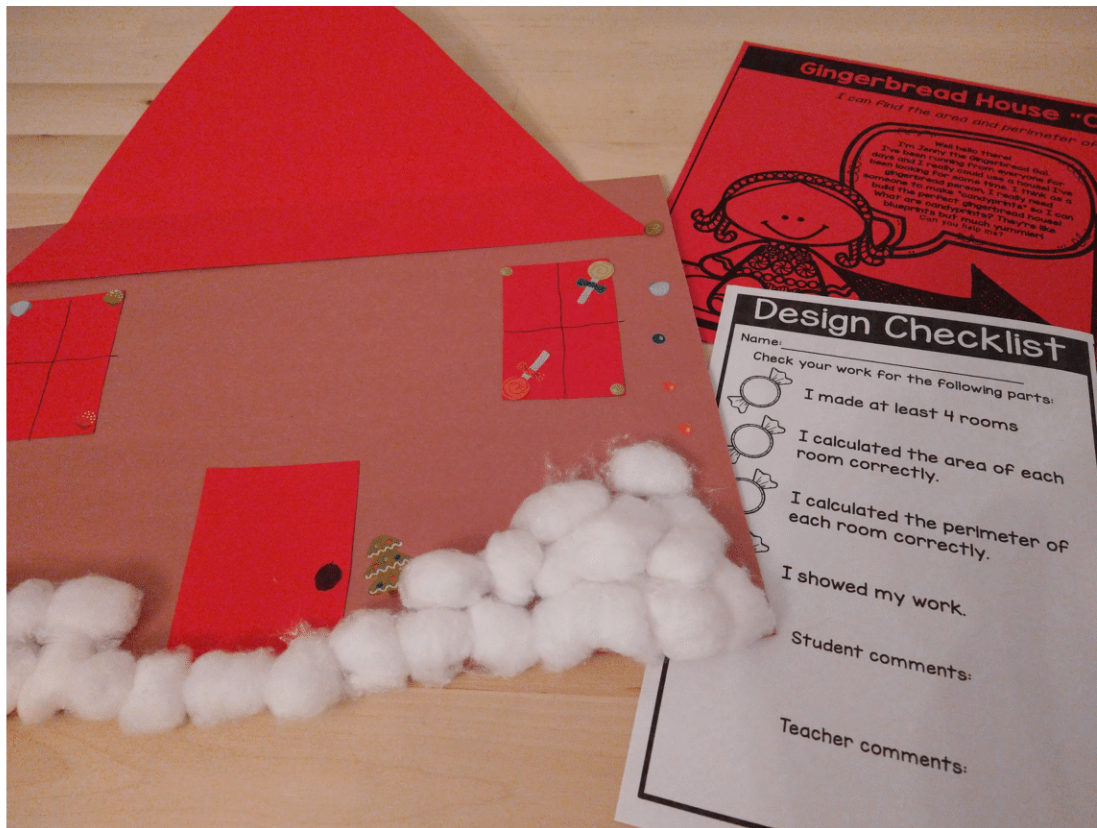


# Area & Perimeter Project



# Gingerbread

## Design a House



- Fold a 12x18 paper in half
- Decorate the front
- Put the floor plan and recording sheet inside!

**Great to Display!**

**SAMPLE** "Candyprint" Recording Sheet

Write the name of the room. Write the area and perimeter. Write the equation to show your work.

Room	Area	Perimeter
Sweet Tooth Kitchen	$3 \times 5 = 15$ $A = 15$ square units	$5 + 3 + 5 + 3 = 16$ $P = 16$ units
Candy Cane Bedroom	$3 \times 4 = 12$ $A = 12$ square units	$3 + 3 + 4 + 4 = 14$ $P = 14$ units
Frosting Icicle Living Room	$5 \times 5 = 25$ $A = 25$ square units	$5 + 5 + 5 + 5 = 20$ $P = 20$ units
Gum Drop Game Room	$5 \times 4 = 20$ $A = 20$ square units	$5 + 5 + 4 + 4 = 18$ $P = 18$ units

**SAMPLE**

My "Candyprint" for Gingerbread House

Designed By: Mrs. B

Room	Area	Perimeter
Sweet Tooth Kitchen		
Candy Cane Bedroom		
Frosting Icicle Living Room		
Gum Drop Game Room		

# Area & Perimeter Project

# Design a House

# Differentiate

→ 2 different samples to model two levels of creating.

## SAMPLE

## My "Candyprint" for Gingerbread House

Designed By: Mrs.B

Sweet Tooth Kitchen	Candy Cane Bedroom
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## SAMPLE

### My "Candyprint" for Gingerbread Home

Designed By: Mrs.B

Frosting				
Icicle Living				
Room				

Sweet Tooth Kitchen	Candy Cane Bedroom
Frosting Iicle Living Room	Gum Drop Game Room

→ 3 grid paper sizes to help differentiate the numbers students are working with

Name: \_\_\_\_\_

## "Candyprint" Recording Sheet

Write the name of the room. Count how many squares large each room is.

Room	Number of Squares (area)

[illegible]

→ 2 recording sheets-  
Students can use repeated addition, multiplication or choose the alternate recording sheet to count the boxes to find the area in each room.

<b>My "Candyprint" for Gingerbread House</b>									
Designed By: _____									

<b>My "Candyprint" for Gingerbread House</b>									
Designed By: _____									

[illegible][illegible]

# Area & Perimeter Project