

Dream Bedroom Mini-Project



Name

Teacher

Dream Bedroom: Overview

Synopsis

Nap time... take a moment to dream. Think about what you would do with \$250,000 to design your own dream bedroom. Your bedroom would be added to your existing home or apartment. In this lesson you will plan, create, measure, and write about your dream bedroom. You will have the opportunity to research and "purchase" items for your room and learn about home expenses. You will create a floor plan of your bedroom, calculate the total area, and describe your bedroom in written and, potentially, visual format. You can go back to sleep now. 🤪

Assignments

- My Current Bedroom and My Dream Bedroom
- Parent/Guardian Home Expenses Interview
- Shopping List
- Presentation Options
- Peer Feedback
- Reflection
- Grading Rubric

Area Formulas

Rectangle	Area =	length x width
Square	Area =	side x 2
Parallelogram	Area =	base x height
Triangle	Area =	$\frac{1}{2}$ base x height or (base x height) \div 2
Trapezoid	Area =	(base 1 + base 2) \div 2 x height
Circle	Area =	pi (π) x radius squared

Dream Bedroom: My Current Bedroom and Dream Bedroom

Name _____ Teacher _____

My Current Bedroom

What do you like the best about your current bedroom?

What do you wish you could realistically change about your bedroom?

Besides sleeping, what do you like to do in your bedroom?

What aspects of your culture, heritage, and/or family history are represented in your bedroom?
(e.g. pictures, art, artifacts, and/or items with sentimental value)

My Dream Bedroom

Briefly describe your dream bedroom.

How would you decorate/design your bedroom? (e.g. themes, art, colors, special features)

What special furnishings/amenities do you want in your dream bedroom?

Dream Bedroom: Parent/Guardian Home Expenses Interview

Name _____ Teacher _____

Dear Parents/Guardians,

Your child is learning how to calculate area and investigating home expenses. Please discuss the questions below with your child and help him or her to approximately measure his or her bedroom. The students may use a yardstick, measuring tape, or a measuring app. When you discuss home expenses please don't feel obligated to discuss specific costs, rather talk in general terms. The purpose of the home expenses investigation is to help the students understand that there are a multitude of costs associated with owning a home or renting an apartment. The students should write down the answers to the questions.

1. What is the total area of your child's bedroom in square feet?

2. What does your family like best about your home? Please share specific examples.

3. What features do you wish your home had (e.g. hot tub, fireplace, natural gas, solar panels)?

4. What utilities do you pay on a regular basis? (check each one)

<input type="checkbox"/> electricity	<input type="checkbox"/> water	<input type="checkbox"/> heating fuel	<input type="checkbox"/> natural gas
<input type="checkbox"/> internet	<input type="checkbox"/> phone	<input type="checkbox"/> trash collection	<input type="checkbox"/> cable/streaming services
<input type="checkbox"/> other _____			

5. What maintenance is required for your home?

<input type="checkbox"/> septic tank	<input type="checkbox"/> boiler	<input type="checkbox"/> water system	<input type="checkbox"/> air system (HVAC)
<input type="checkbox"/> snow removal	<input type="checkbox"/> lawn care	<input type="checkbox"/> chimney sweep	<input type="checkbox"/> pest control
<input type="checkbox"/> other _____			

6. What fees do you pay for your home?

<input type="checkbox"/> loan interest	<input type="checkbox"/> insurance	<input type="checkbox"/> property tax	<input type="checkbox"/> HOA
<input type="checkbox"/> other _____			

Dream Bedroom: Shopping List

Name _____ Teacher _____

Time to spend \$250,000 for your dream bedroom. Please refer to the links on the Sixth Grade website (wolfpups.org) for recommended resources. You are also welcome to use other sites. The list below contains dozens of suggestions. You are NOT expected to buy everything on the list.

Construction costs for Fairbanks currently averages \$169 per square foot, with a range of \$136 to \$202. Think about how elaborate your bedroom will be and select an appropriate cost per square foot. Use a calculator to determine exact costs. You can round up to whole dollar amounts.

Total square feet of your bedroom _____ x \$ _____ (cost per square foot) =

Item	Brief Description	Cost
Bed		
Closet		
Dresser(s)		
Nightstand(s)		
Chair(s)		
Desk		
Table		
Couch		
Flooring		
Rug(s)		
Wall Decorations		
Art		
Culture Artifacts		
Ceiling fan(s)		
Bathroom Features		
Kitchen Features		
Pet Supplies		
Hobby/Sports		
Exercise Equipment		
Outdoor Space		
Fireplace		
Hot Tub or Sauna		
Electronics		

TOTAL COST (include construction costs)

Dream Bedroom: Presentation Options

Name _____ Teacher _____

Overview

What features would you want to have in your bedroom? Think about your closet, bathroom, windows, flooring, paint, and design features. What amenities would you have (e.g. pool table, hot tub, video game system, stereo, fireplace, TV, etc.)? How many windows and doors will you have? Will you include a porch, deck, terrace, atrium, or other outdoor structure? Will all your walls be straight or will you have curved, slanted, or diagonal walls? Will your bedroom be more than one story? Think about how you'll include furniture and appliances.

You have several choices on how to describe your dream bedroom. You are also encouraged to develop your own presentation idea. Please obtain permission from your teacher to develop your idea.

All presentations must address the following **minimum requirements**:

- Introduction: Provide a brief overview of your dream bedroom
- Physical layout of your bedroom (e.g. rooms, windows, and structure)
- Design features (e.g. flooring, paint, and decorations)
- Amenities (e.g. electronics, furniture, stuff)
- Conclusion: What are your favorite features of your dream bedroom and how will building it change your life?

Presentation Options

1. Write a five-paragraph description of your dream bedroom. Please refer to the Google Doc template in Google Classroom.
2. Create a Google Slides presentation. You may use the Google Slides provided template or create your presentation from scratch.
3. Create a physical or digital model of your dream bedroom. The model needs to include detailed captions and/or voice narration to address each of the minimum requirements. Suggested physical materials includes Legos, clay, cardboard, wood, and popsicle/craft sticks. Digital options may use any form of simulation (e.g. Minecraft, Sims, Civilization). You will need to record your digital creation onto a platform that can be viewed online.
4. Video tape a visual and auditory presentation. You could use a variety of tools from posters, objects, images captured online, video clips, brief interviews, and displays.
5. Other Talk to your teacher to share your ideas and receive feedback.

Dream Bedroom: Peer Feedback

Name _____ Teacher _____

Please provide constructive feedback for two of your peers. Focus on what you liked about your classmate's dream bedroom and offer suggestions. Complete the forms below.

Peer Feedback #1

Name of Student _____ Your Name _____

Was his or her floor plan easy to read? Yes Partial No

Did the floor plan include measurements for each section of the bedroom and the total area?
Yes Partial No

Look at his or her presentation. Did he or she cover all of the minimum requirements?
Yes Partial No

What did you like the best about the student's dream bedroom?

What suggestions do you have for the student?

Peer Feedback #2

Name of Student _____ Your Name _____

Was his or her floor plan easy to read? Yes Partial No

Did the floor plan include measurements for each section of the bedroom and the total area?
Yes Partial No

Look at his or her presentation. Did he or she cover all of the minimum requirements?
Yes Partial No

What did you like the best about the student's dream bedroom?

What suggestions do you have for the student?

Dream Bedroom: Reflection

Name _____ Teacher _____

Take a deep breath... relax. Think about everything you've accomplished for your dream bedroom. Please take a few minutes to answer the following questions. Please share specific examples.

1. Do you feel that you now know how to calculate area? Please explain.
2. What did your parents teach you about home expenses?
3. Based on what you learned, how do you plan to change your current bedroom?
4. What did you learn from your peers?
5. Please grade yourself, on a scale of 1 to 3, for each of the following assignments.
1= incomplete/minimal effort, 2= almost complete but needs revisions, 3= complete and correct
 - My Current Bedroom and My Dream Bedroom
 - Parent/Guardian Home Expenses Interview
 - Shopping List
 - Presentation Options
 - Peer Feedback

You are encouraged to finish and/or revise your assignments to earn full credit.

6. What did you like the best about the Dream Bedroom project?
7. How can the Dream Bedroom project be improved?

Dream Bedroom: Grading Rubric

Name _____ Teacher _____

Floor Plan

	Yes	Partial	No		Points Earned
Layout is clear and easy to read					
Outlined furniture, fixtures, and amenities					
Measured each section of the bedroom					
Added the total square footage					
					TOTAL=

Written Description

	Yes	Partial	No		Points Earned
Introduction Provided a brief overview of the dream bedroom					
Described the physical layout of the bedroom (e.g. rooms, windows, and structure)					
Described multiple design features (e.g. flooring, paint, and decorations)					
Described the major amenities (e.g. electronics, furniture, stuff)					
Conclusion Described the favorite features of the dream bedroom and how building it will change their life.					
Effort and Creativity Evidence of research, realistic ideas, originality					

TOTAL POINTS EARNED