**BEDROOM MAKEOVER**

**PROJECT**



NAME: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_#\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**BEDROOM MAKEOVER PROJECT**

*GOAL: After this unit, you will understand how to calculate sales tax for a purchase, find the amount of materials needed to cover a room, write a check and keep a check register.*

**The basic standards and major focus of the lesson include:**

* Numbers & Operations with decimals (+,-,\*,/), including sales tax
* Measurement, including area
* Problem Solving & accuracy, including keeping a check book account
* Decision Making and real world connections

**TASK:** You have the opportunity to completely redesign your bedroom. How imaginative will you be? Where will the windows go, the door? What color paint will you use? Will there be a study area and a play area? Remember to think about the size of the space **and** cost while you are creating your room. You will need to keep to your budget as well and keep track of your finances. If you go over your budget, you have to speak to the banker, Mrs. Conrad. If you need a loan (borrow money from the bank), you will have to meet with the banker and convince her why it will be beneficial to your design.

Student: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Parent: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

*\*Although some materials may be needed to be brought in, the majority of the project will be done in school.*

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

**Rubric Bedroom Makeover Project**

  **Possible Actual**

Bedroom Makeover Worksheets 20 \_\_\_\_\_\_\_\_\_\_

*Presentation*

Detailed Floor Plan 10 \_\_\_\_\_\_\_\_\_\_\_

 -magazine collage

 -3D shadow box

 -architectural design plan (drawn/computer)

Summary (1 paragraph – typed) 4 \_\_\_\_\_\_\_\_\_\_\_

Flooring Sample (actual or printed) 1 \_\_\_\_\_\_\_\_\_\_\_

Paint Sample (actual or printed) 1 \_\_\_\_\_\_\_\_\_\_\_

Check Register 2 \_\_\_\_\_\_\_\_\_\_\_

Checks (written to Home Depot or Lowes) 2 \_\_\_\_\_\_\_\_\_\_\_

Quality & Neatness 5 \_\_\_\_\_\_\_\_\_\_\_

Accuracy 5 \_\_\_\_\_\_\_\_\_\_\_

TOTAL 50 \_\_\_\_\_\_\_\_\_\_\_

**Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_#\_\_\_\_\_\_\_\_ *Bedroom Makeover Worksheet 1***

 *WORK SPACE*

**Floor**

Length: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Width: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Area: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ sq. ft.

**Carpet or hardwood?**  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ *WORK SPACE:*

Cost per square foot: $\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Area x Cost per square foot: $\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 (Round to the nearest hundredth)

Sales tax: Cost x Tax $ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Sales tax: 6.25%

Total carpet cost + Sales tax $ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

***Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_#\_\_\_\_\_\_\_\_\_ Worksheet 2***

**Paint Cost Work Space:**

**Height of walls:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ feet (ft.)

**Area of Walls:**

\*Assume perfect walls

\*Don’t forget to subtract windows and doors!

Wall 1: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_# of windows \_\_\_\_\_\_\_ door\_\_\_\_\_\_\_

Wall 2: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_# of windows \_\_\_\_\_\_\_ door\_\_\_\_\_\_\_\_

Wall 3: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_# of windows \_\_\_\_\_\_\_ door\_\_\_\_\_\_\_\_

Wall 4: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_# of windows \_\_\_\_\_\_\_ door\_\_\_\_\_\_\_\_

Area of ceiling:

(Same as area of floor) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ sq. ft.

Total Area:

 Area of walls + Ceiling \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ sq. ft.

**Paint**

Cost of paint per gallon: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1 gallon will cover 350 square feet of walls and ceiling

I will need \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ gallons.

# of gallons x cost per gallon = paint cost $\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Round to the hundredth

Sales Tax $\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Paint + Tax = Total Paint Cost $ \_\_\_\_\_\_\_\_\_\_\_\_\_\_

*HOMEWORK: DAY 1*

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_#\_\_\_\_\_\_\_\_\_\_\_ Date:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Measure the area of your bedroom. Find the following in feet. If you measure in inches, make sure your convert to feet.**

 *Work Space*

Length: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ feet

Width: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_feet

Area (length x width):\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_square feet

*HOMEWORK: DAY 1*

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_#\_\_\_\_\_\_\_\_\_\_\_ Date:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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Area (length x width):\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_square feet