

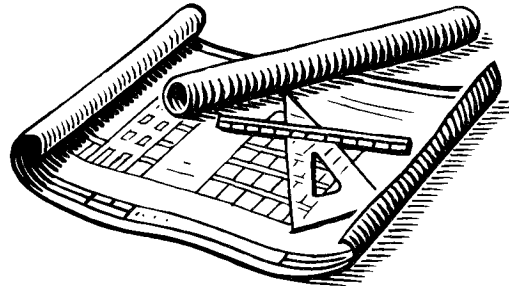
The Ultimate Apartment Project

Presented by Lisa Jones and Heather Sparks
Taft Middle School
Oklahoma City Public Schools

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Agenda

- I. Why Design An Apartment?
- II. Pre-Requisite Lessons
- III. Stages of the Project
- IV. Assessment
- V. Questions



All Project Worksheet Masters
can be downloaded from
www.hisparks.com/presentation

Resources:

<http://www.building-cost.net> (Calculate building costs in your area)

www.craftsman-book.com (Order the National Building Cost Manual)

Ogershok, Dave. 2007 National Building Cost Manual published by Craftsman Book Company.

Home Plans (Magazine of house plans)

Houses & Plans (Magazine of house plans)

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The Ultimate Apartment Project

The 2-D Design Created by _____

Your project must have the following components:

- ___ 2 flooring types (minimum)
- ___ 2 paint colors (minimum)
- ___ 1 interior wall (minimum)
- ___ A bedroom that occupies at least 30% of the apartment
- ___ A kitchen that occupies at least 20% of the apartment (sink)
- ___ A bathroom (sink, toilet, shower and/or tub)
- ___ A maximum budget of \$50,000.00

General cost estimates:	
toilet	\$215.00
sink	\$97.00
shower	\$475.00
clawfoot tub	\$1295.00
whirlpool tub	\$1791.00
shower/tub	\$799.00
paint	\$24.35/gallon
wood floor	\$3.37/sq. ft.
ceramic tile	\$2.38/sq. ft.
vinyl tile	\$1.18/sq. ft.
carpet *	\$1.59/sq. ft.
**	\$2.39/sq. ft.
***	\$3.99/sq. ft.

Use the form below to calculate the final cost of your apartment design:

1. **Basic Building Costs:** My design has a total of _____ square feet at a cost of \$47.00/
square foot for a total cost of .

2. **Flooring:** I selected _____ for flooring with a total of _____ square feet.
The cost per square foot is _____. The total cost for this flooring is .

3. I selected _____ for flooring with a total of _____ square feet.
The cost per square foot is _____. The total cost for this flooring is .

4. **Paint:** I selected _____ paint at a cost of _____ per gallon. The paint covers
200 square feet. My wall dimensions are _____
so the total square feet of painted space is _____ square feet. I need _____ gallons of
paint for a total cost of .

5. I selected _____ paint at a cost of _____ per gallon. The paint covers 200 square
feet. My wall dimensions are _____
so the total square feet of painted space is _____ square feet. I need _____ gallons of paint
for a total cost of .

Total Cost (page 1)

Fixture costs:

Fixture Total:

Total from Page 1:

Final Cost of your ultimate apartment:

My Ultimate Apartment Project

My apartment has a total of _____ square feet. (Show your work below.)

30% of this total is _____. My bedroom should be at least this big.

20% of the total is _____. My kitchen should be at least this big.

Name: _____ TB: _____

Ultimate Apartment Project Rubric

Name: _____

- _____ Cost within budget (10 pts.)
- _____ Calculations accurate (50 pts.)
- _____ Has a min. of two flooring types (5 pts.)
- _____ Has a min. of two paint colors (5 pts.)
- _____ Has required fixtures for bath and kitchen
(5 pts.)
- _____ Final design has all required features (15 pts.)
- _____ Design is neat (10 pts.)
- _____ **Total/100 pts.**

Comments: