

Bedroom Floor Plan

Summary

This lesson provides students with an introductory experience with drawing floor plans.

Main Core Tie

Interior Design 1

[Strand 6 Standard 1](#)

Time Frame

2 class periods of 60 minutes each

Group Size

Individual

Life Skills

Thinking & Reasoning, Employability

Materials

- 1/4-inch graph paper
- Bedroom Floor Plan assignment sheets
- black cardstock
- white paper
- rulers
- green pens
- red pens
- black pens
- blueprint symbols handout

Background for Teachers

Please be aware that each square on the graph paper represents one foot of a student's bedroom. The day before the assignment is given, please give the students a list of measurements that they need to take in their bedrooms in order for them to successfully complete this assignment.

Student Prior Knowledge

Students should have a working knowledge of measurements. Some basic math/fraction skills could be helpful.

Intended Learning Outcomes

Students should be able to draw an accurate floor plan--either existing or a work in progress. The floor plan and its contents should be drawn to scale.

Instructional Procedures

Give a copy of the Blueprint Symbols Handout to each of the students. Go over each and every symbol together as a class, answering questions as they arise. Make students aware that these symbols have been drawn to 1/4-inch scale...so the symbols or furniture that they will be drawing should be these same sizes. Hand out the Bedroom Floor Plan assignment sheet and a blank sheet

of paper to each student. Before you go over the assignment sheet, have students roughly sketch their bedroom layout on the blank sheet of paper. Once the sketches are complete, go over all the directions on the assignment sheet as a class, answering questions as they arise. Have students make a list on their bedroom sketches of each item they need to specifically measure in order to complete this project: wall length, door length, window length, closet space, outlet location, vents, light switches, and light fixtures. Have students write the measurements right on their rough bedroom sketches. They will be given graph paper in the next class period to draw the actual floor plans on. They will have the next two complete class periods to finish this project.

Strategies for Diverse Learners

Struggling students should be paid close attention to. A note home requesting special help with the measurements from parents may be in order. Once measurements come in, close one-on-one help may be necessary to get them through this project.

Assessment Plan

Refer to the attached Bedroom Floor Plan assignment sheet for specific point values.

Bibliography

USOE Curriculum Guide

Authors

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