

Laura

Math-Kitecture

Lesson Plan

Aim: How can you draw your bedroom to scale?

Standard: M2K: Use scale in maps and scale drawings.

Motivation: Illustrate the concept of scale drawings by using an experience chart. Draw a box and then reduce it to scale. Then draw a flower and ask children to enlarge the flower to scale.

Development:

- 1) Tell students that they are going to draw a picture of a room that they know better than anyone else. Have them guess what the room is.
- 2) Demonstrate by drawing a picture of a room on chart paper showing basic details.
- 3) Tell them that they should measure the walls, windows, and various other details included in their drawing.
- 4) Have them practice measuring basic items in class (Notebook, desk, etc.)
- 5) Instruct them to use the scale one inch is equal to one foot. Tell them to round when inches are not whole.
- 6) Review the drawings in class. The drawings will demonstrate a basic understanding of scale.

Extensions: Have students write word problems based on the measurements in their drawings.