

## How to Make a Floor Plan with Graph Paper

Creating a scaled site plan of a school kitchen on graph paper involves several steps, as described in various sources.

1. **Rough Sketch and Measurements:** Begin by sketching the kitchen area, including walls, doors, windows, and any fixed features. Measure each element precisely and record the dimensions.
2. **Furniture and Appliance Measurements:** Measure all existing and potential new appliances and furniture that will be placed in the kitchen.
3. **Choose a Scale:** Determine a suitable scale, such as 1 square on the graph paper representing 6 inches or 1 foot. A common practice is to use a  $\frac{1}{4}$  inch scale where every  $\frac{1}{4}$  inch tick mark on an architect scale accurately gives the ratio of a  $\frac{1}{4}$  inch on the graph paper equaling one foot in the room. Tessie Fay recommends using graph paper and a scale to create the floor plan.
4. **Drawing the Kitchen Outline:** Draw the room's outline on the graph paper, using the chosen scale and the measurements from the rough sketch.
5. **Adding Features:** Include doorways, windows, and other architectural features. Remember to indicate door swings to ensure clearance for furniture placement.
6. **Furniture and Appliance Templates:** Create scaled drawings of each piece of equipment and furniture on a separate sheet of graph paper using the same scale. Cut them out to create movable templates.
7. **Arranging the Layout:** Experiment with different layouts by moving the cut-out templates on the kitchen floor plan until an efficient and functional arrangement is achieved. Consider factors such as work zones (prep, cooking, serving), traffic flow, and access to equipment. School kitchens often utilize U-shaped or L-shaped layouts for efficient workflow and safety.
8. **Finalizing and Labeling:** Once satisfied with the layout, trace over the final lines with a marker and label each element. Clearly indicate the scale used on the drawing.

For visual instructions, please view this [YouTube video](#).