



CHALLENGE #1

Create an As-Built Drawing of Your Kitchen

What do I need to submit?

There are a few parts to this activity, so here is what your submission will include...

Part 1-3: A scan, PDF, or photo of a floor plan of your kitchen you drew using the rules below. You can draw by hand or use a computer program.

Part 4: You can include the images and write up in a Word document, PDF, or the body of your email.

When is it due?

You must email your submission to Ms. Yi by 5pm on Wednesday, April 8th. The winner will be announced Friday, April 10th.

What is the scale?

Your submission must be 1/4" scale. (REMINDER: That means every 1/4" you draw represents 1').

Part 1 - Your drawing must include the following: (MAX 5 POINTS)

- The overall area of your kitchen. Begin by measuring the walls to get your floor plan started.
- Include the locations and dimensions of openings (doors, windows, etc.)
- Include the depth of the counters/cabinets.
- Show the location of the sink, refrigerator, stove, dishwasher, or any other major appliances in your kitchen.

Part 2 - Added detail to your drawing: (MAX 1 POINT)

- Provide the location of the electrical outlets on your floor plans. Show which ones are GFCI receptacles. (HINT: You will need to look up how to draw electrical outlet symbols.)

Part 3 - More added detail to your drawing: (MAX 2 POINTS)

- Research the concept of "Kitchen Work Triangle" and draw your kitchen's triangle with a dashed line and dimensions

Part 4 - Extra Inspiration!: (MAX 2 POINTS)

- Provide 3 photos of your ideal kitchen and a one paragraph explanation of what you like about these kitchens.

TOTAL OF 10 POSSIBLE POINTS



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Hints to Get You Started

How do I measure?

The easiest way to measure your kitchen is using a tape measurer. If you do not have one, You can measure using a ruler. If you don't have a ruler, you can improvise!

Things that are 12" long to use in case you don't have a ruler - (3) toilet paper rolls end to end, the long edge of a shoe box lid, or a carton of eggs. Get creative and don't let any missing tools stop you! If you use anything unique to measure, let us know!

What does a kitchen floor plan look like?

Your sketch will be a floor plan; like you're looking down from above onto your countertops. Here are some examples, but make sure you follow the rules.

