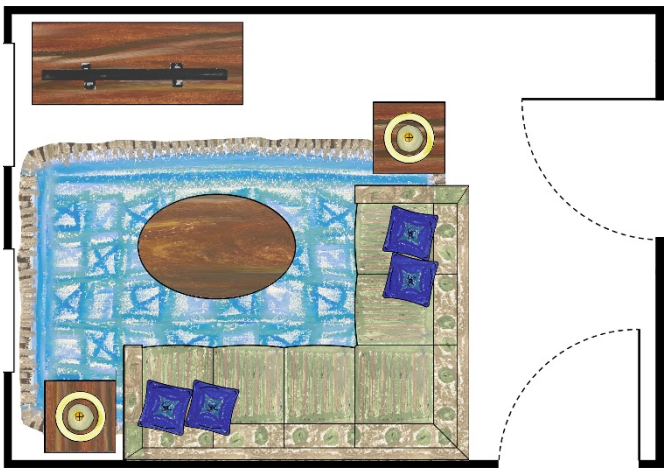
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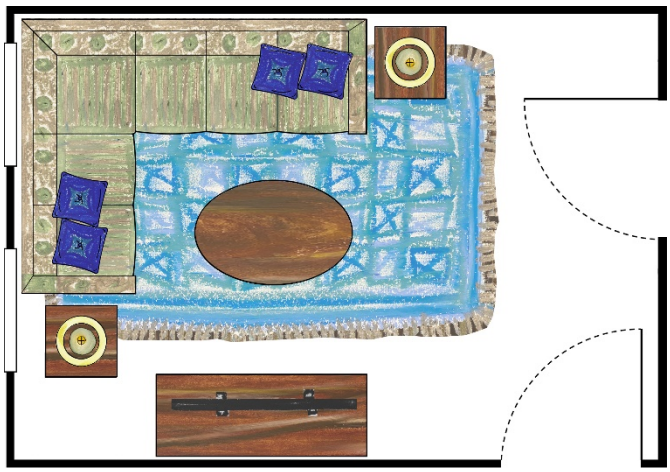
NYC Department of Youth & Community Development

Interior Design - Redesign Your Room

Ready for a change? Try redesigning a room at home by creating a measured floor plan drawing and scale furniture to test out your ideas. You will need your ½" = 1' scale ruler from the Scale Measurement activity and your room sketch from the Floor Plan activity to start.

Follow the steps below to convert your room sketch to a measured floor plan at ½" = 1' scale. Test out a new design for this space using our ½" scale furniture templates or create your own. Use this activity as inspiration to draw a floor plan for a new space and add furniture to make it your own!





Materials

Pencil ▪ Paper ▪ Tape measure or ruler ▪ Floor plan sketch ▪ Scale ruler or grid paper ▪ Scissors Tape ▪ Colored pencils or crayons

Step 1	Add dimensions to your floor plan sketch by measuring the walls, windows, and doors in that room with a tape measure or ruler. Round all dimensions to the nearest half foot and write these measurements on your sketch. Watch a how-to video here.
Step 2	Redraw your floor plan at ½" = 1' scale using these dimensions and our grid paper or your scale ruler to shrink them down to the right size. Watch a how-to video here.
Step 3	Print our ½" scale furniture templates or create your own by measuring your furniture and drawing the different pieces to scale from an overhead view.
Step 4	Cut out the pieces you want to use and try out different arrangements on your floor plan to test a few different designs. When you have a design you like, trace or tape the furniture in place and share your ideas with an adult for feedback.
Step 5	Share your designs on Instagram! Tag @centerforarchk12 and use #architectureathome.