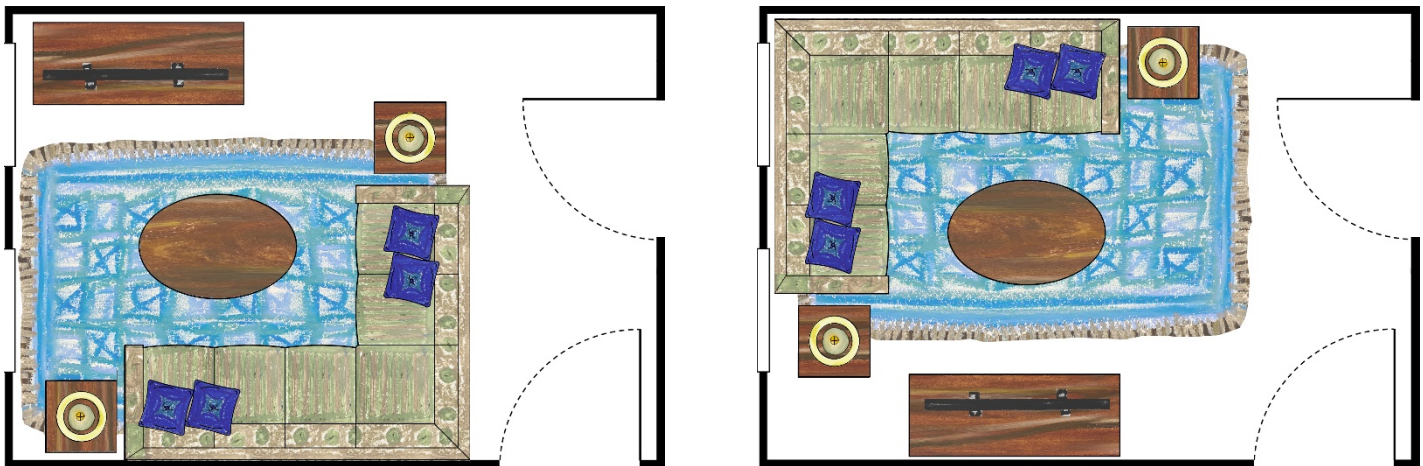


## Interior Design - Redesign Your Room

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  $\frac{1}{2}$ " = 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  $\frac{1}{2}$ " = 1' scale. Test out a new design for this space using our  $\frac{1}{2}$ " 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  $\frac{1}{2}$ " = 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  $\frac{1}{2}$ " 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.