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

Instructions

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.