**Google Sketchup User guide**

How to use Google Sketch up.

Google Sketch up is a very easy and simple tool to use. The first thing to learn is the tool bar:



The tools you have are...

1. Select



1. Pencil



1. Square



1. Circle



1. Arc



1. Make compound



1. Eraser



1. Tape measure



1. Fill



1. Push/Pull



1. Move



1. Rotate



1. Offset



1. Orbit



1. Pan



1. Zoom



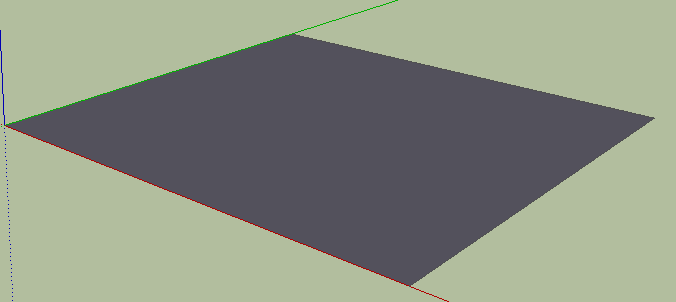
1. Zoom extents



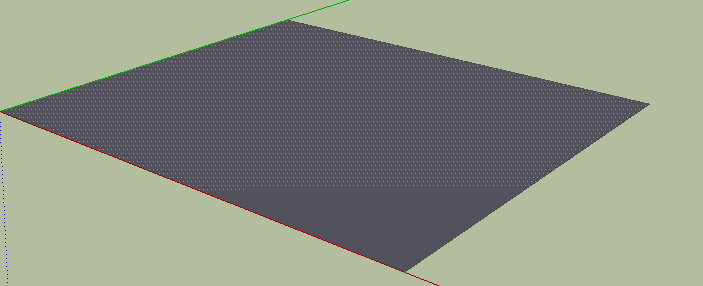
These are the main tools that you will be using.

**How to make a Cuboid**

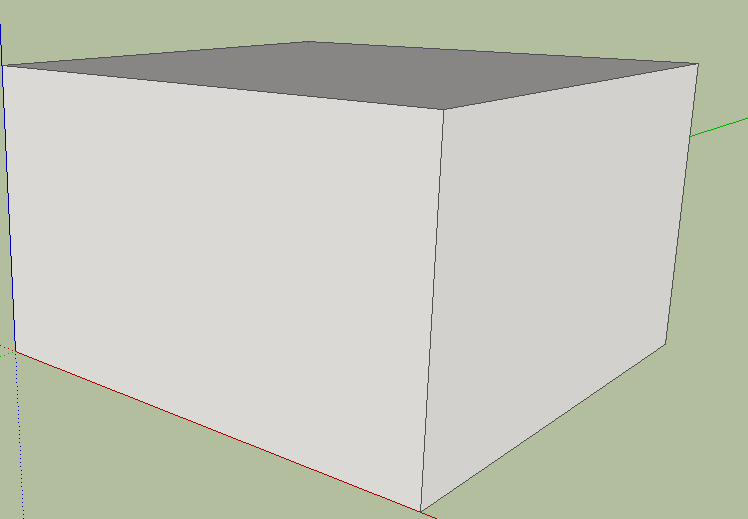
Select the square tool then make a square that should look something like this:



Once you have something that looks like this select the push pull tool then when the square turns white with lots of little blue dots click and hold, and then drag up:



When you drag up it should look something like this.



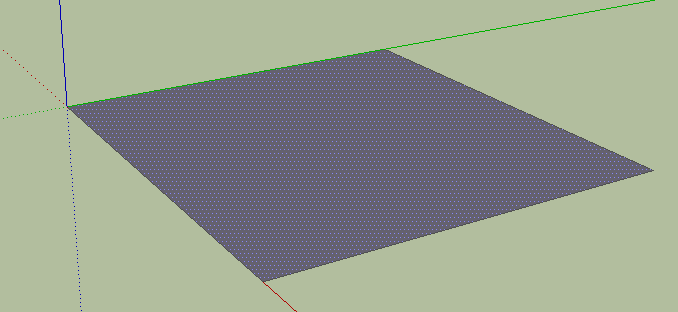
If you would like to make something accurate, look in the bottom right corner

, but you have to calculate area your self.

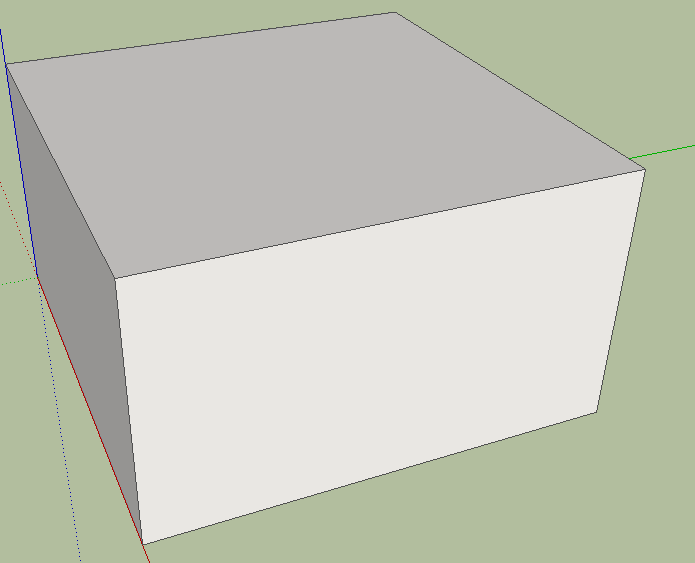


**How to make a chair.**

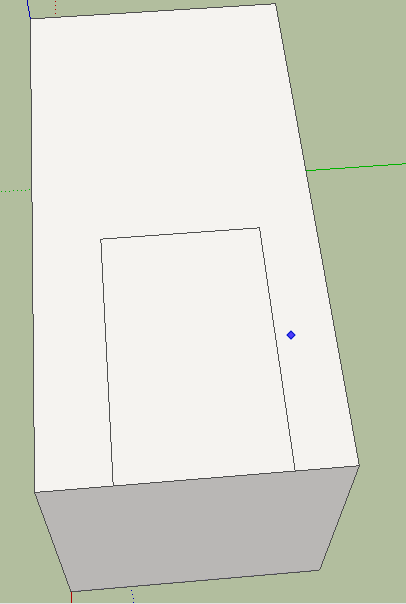
To make a chair first make a square:



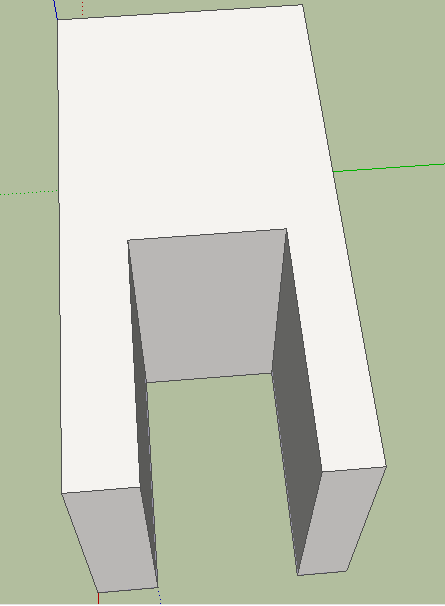
Then like we did to make a cube pull it up using the push/pull tool to make this:



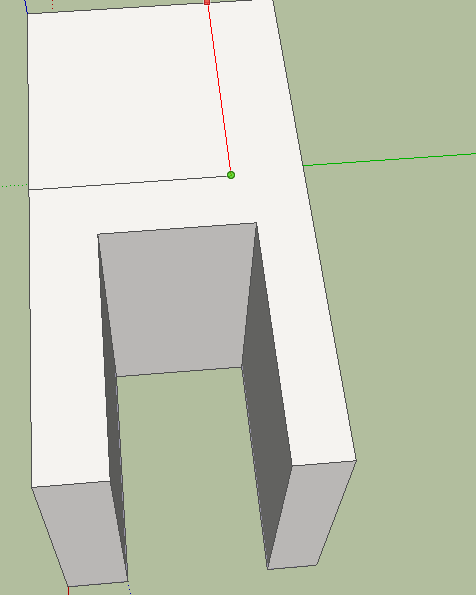
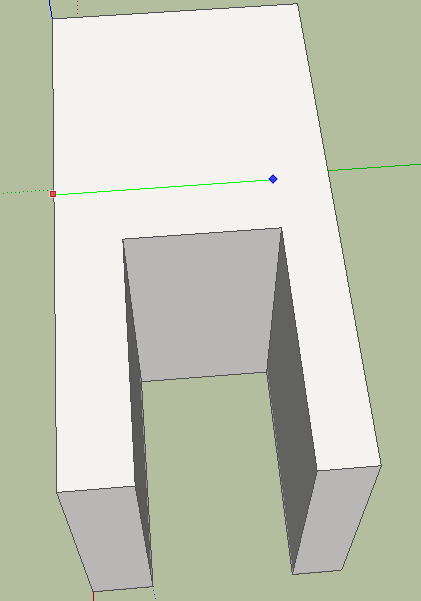
Then we are going to use the pencil tool to draw the lines to make the chairs basic structure:



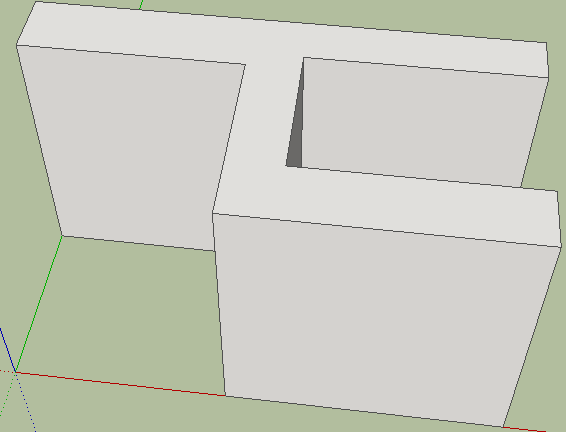
Now we are going to use the push tool to make two big legs:



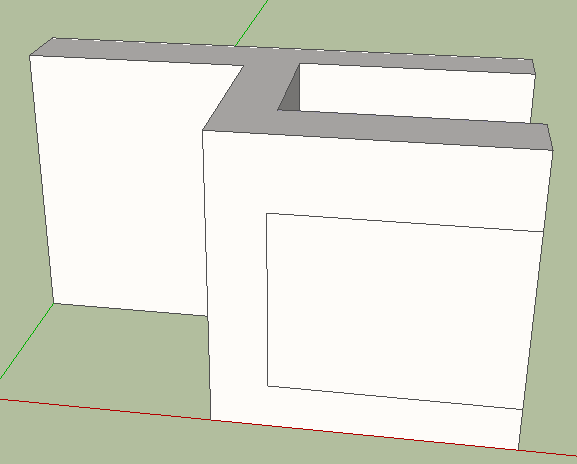
Now we will create the seat and the back of the chair at the same time using the pencil tool:



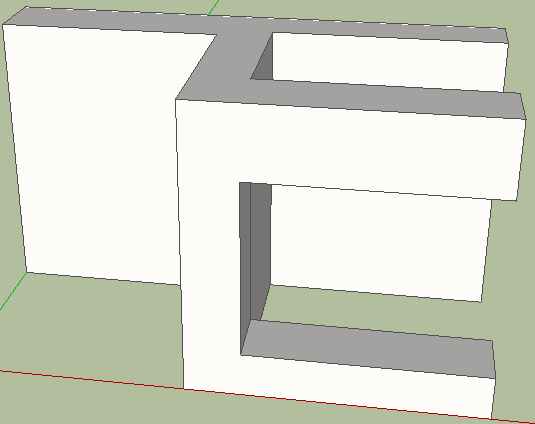
Now to form the seat and the back we need to push it down like we did with the legs:



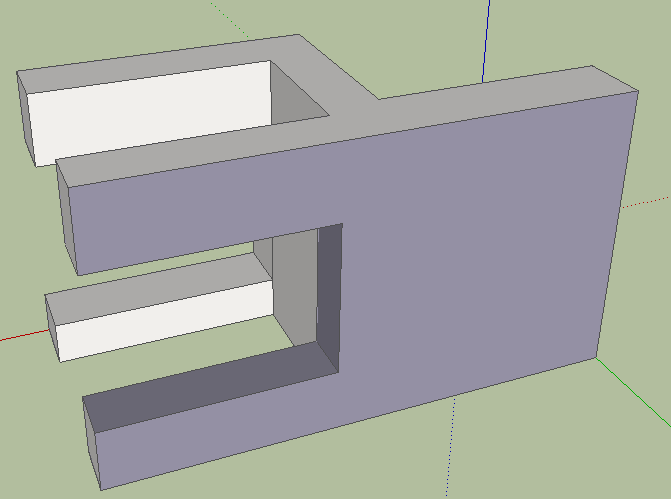
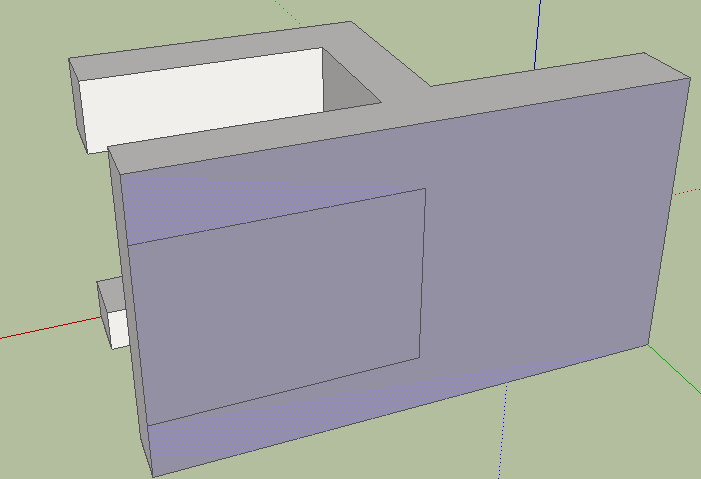
Now to make 2 legs in to 4 we must use the square tool and split it in half like so:



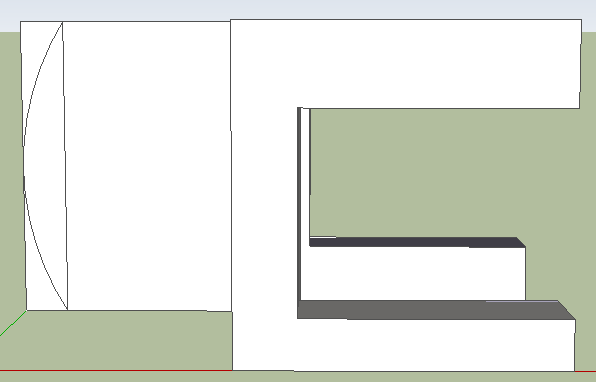
Then we need to do the same that we did with the seat and back we need to push it:



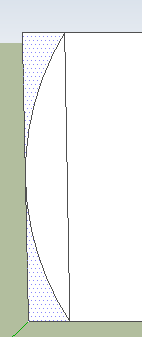
And then the same for the back:



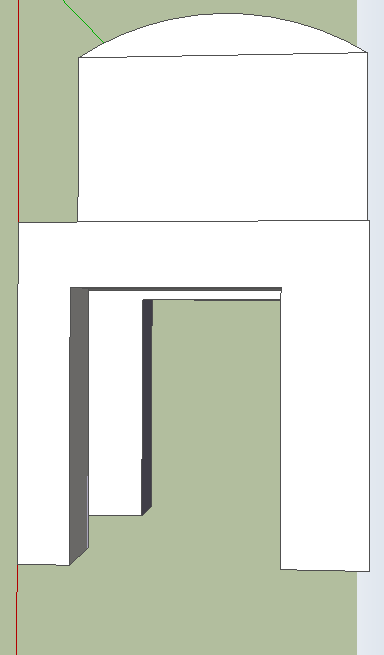
Now to form the top of the back we will use the arc tool, so, as we did before, we need to draw a line using the arc tool from 1 side to the other to then to the top of the back:



Then we will delete the over hang:



And now you will have a finished chair:



**Google Sketchu and Google Earth**