Learn to draw in 3D

This is a summary of your current Skill level :

1. You can make vector drawings in corel draw (Logo, box, posters, etc)
2. You can make bitmaps pictures change and add effects (photopaint, photoshop)
3. You can make animations and cartoons (flash, animated gif)
4. You can make presentations in video, slide, flash, and web sites.
5. You can combine software to make How to handouts, Cartoons, Commercials, Boxes, etc

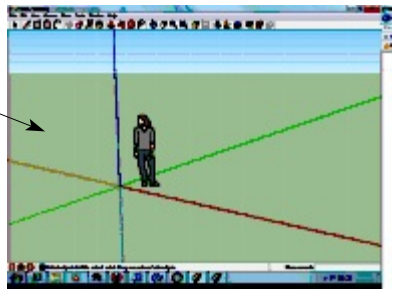
NOW what is next..... The World of **3D**

(Sketch up is a free download from Google)

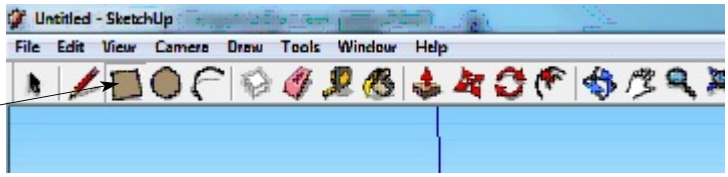
1. Click on the sketchUp icon to open software

2. If you see this screen choose template option
   Then choose the first template

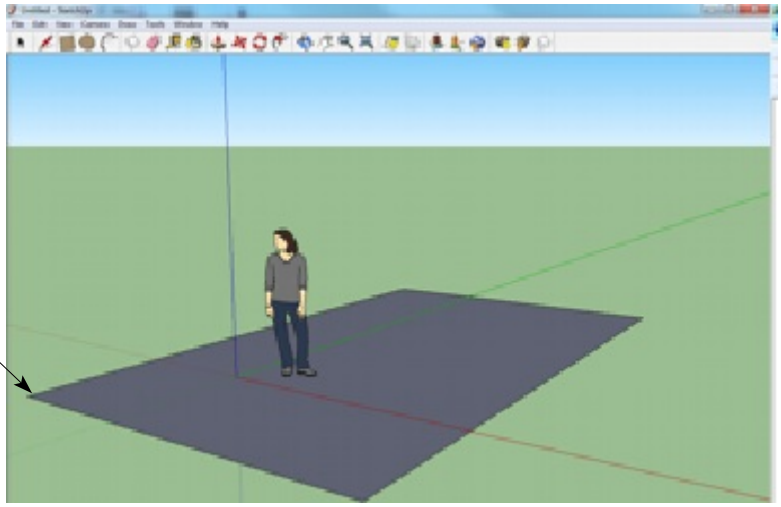
3. You will now get to this screen



4. Click on the rectangle
   It is beside the pen tool

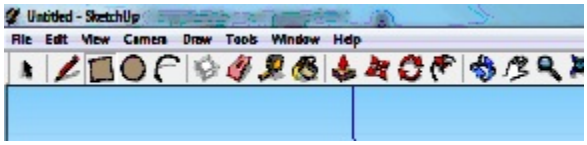


5. Then click and drag the mouse drawing a box around the lady
   Start your box drag here from this spot on the layout area

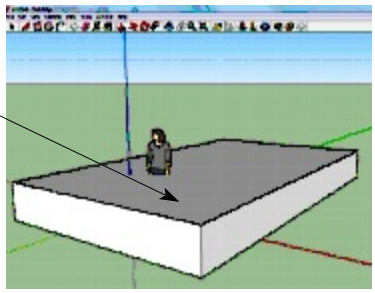


Use the edit undo menu or Altb-backspace if you make a mistake

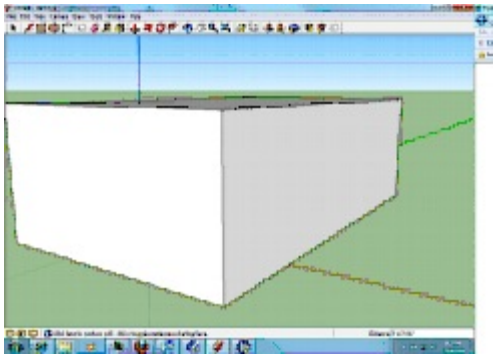
6. Click on Push Pull tool now.



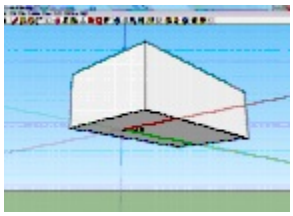
7. Now just place your cursor over the rectangle you just drew and you will see it change to a rectangle with dots. Click your mouse and drag the box up

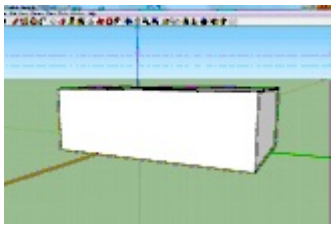


Drag it to this level



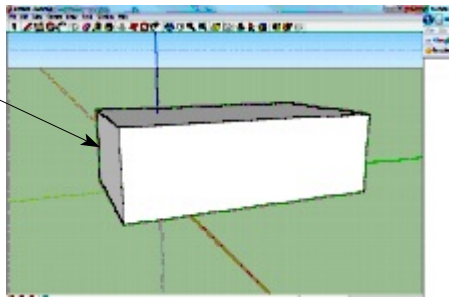
Now click on the orbit tool then drag the mouse around the box to see different views.



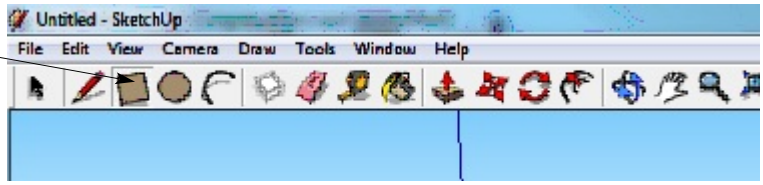


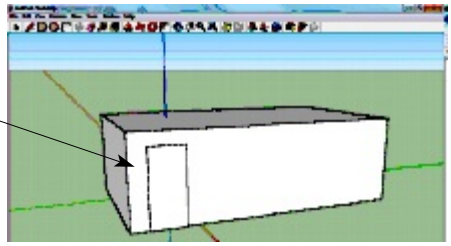
Now you know how to look at the 3D box you have made...

Rotate the box to look like this position

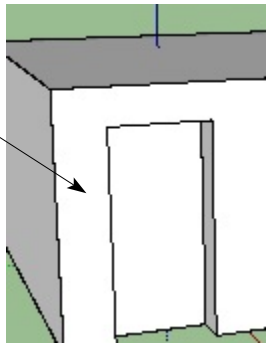


Now take the rectangle tool again and draw a door into the
front face of the box.

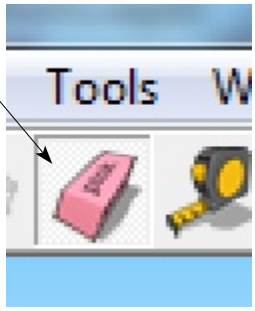


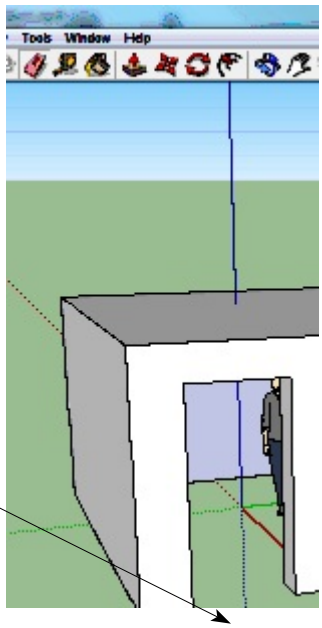


Then click on the push pull tool
and push the door into the box



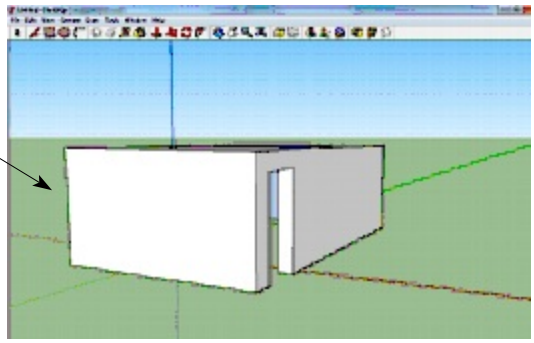
Now **click** once on the erase tool and then **click** on the bottom line of the doorway you created
you will see the door disappear.



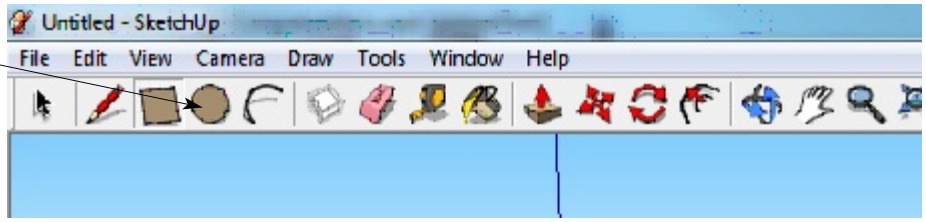


Go and click on the orbit tool again and move the box around and then leave

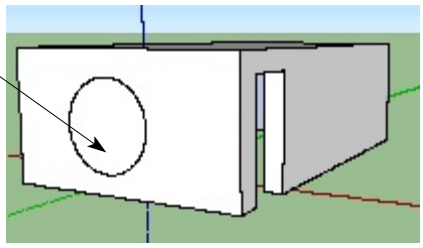
it turned showing the side .



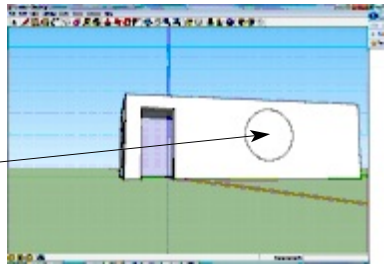
Now pick the circle tool



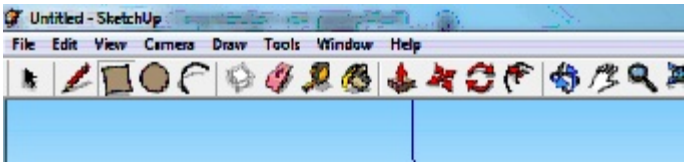
Place the cursor in the middle of the wall and draw a circle,



then get the
orbit tool and turn the box showing the door side, and then get the circle tool again
and draw a circle



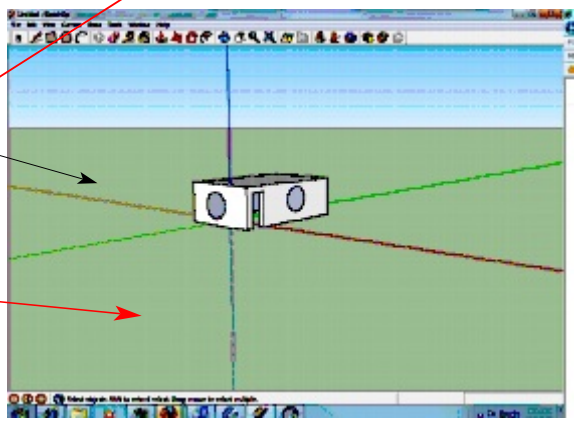
Now click on the select tool , looks like an arrow



click on the middle of the circle and press the delete key
do that to both circles

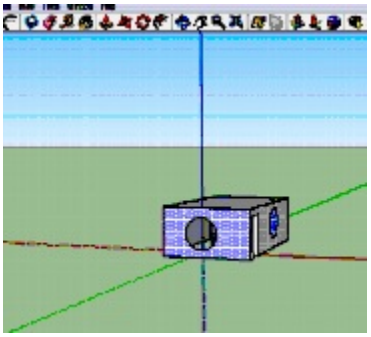
Now click on the zoom out tool ,
it looks like a magnify glass

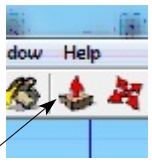
Drag the mouse out to make the box smaller it should look like
this when completed

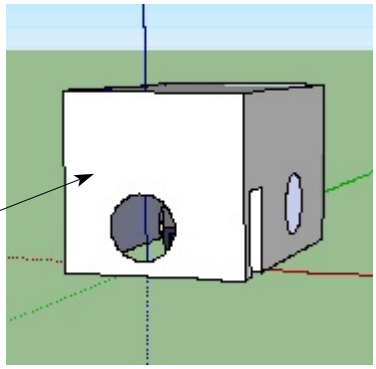


Now click on the hand tool
and move the box around just to see what it does, make sure the box looks like this after

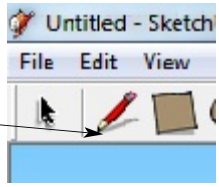
Now get the orbit tool and
turn the box so that it shows the side view of the box

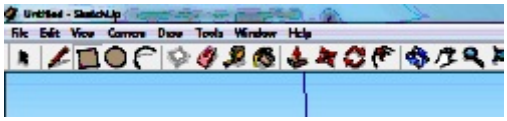




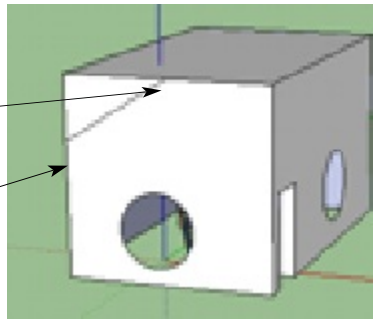


Go and get the push pull tool
and click on the top of the box
drag the top up to double the
size of the current box



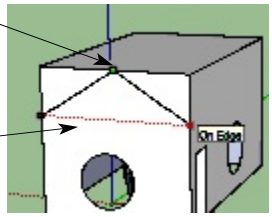


Now go and get the line tool
it looks like an pencil



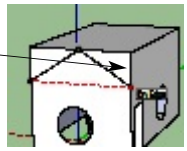
Just drag your cursor along the top edge box building
and find the blue spot in the middle, then click to mark
that point .
Then let the click go and move the cursor
over to the side of the building and click around here
This blue spot is the middle of the edge .

Then do the same thing for the other side of the box



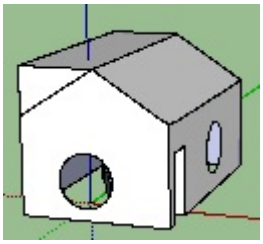
You will find a helpful leveling line will appear to make
sure you are straight when you click the edge mark

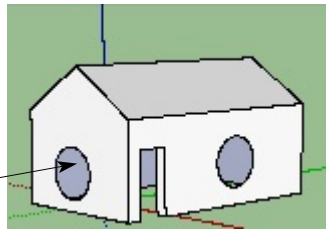
Leveling line appears when you are level



Then get the push pull tool and click
on the front right triangle

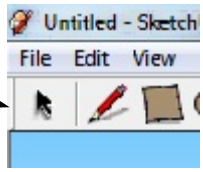
Then push the triangle right off the back of the
box



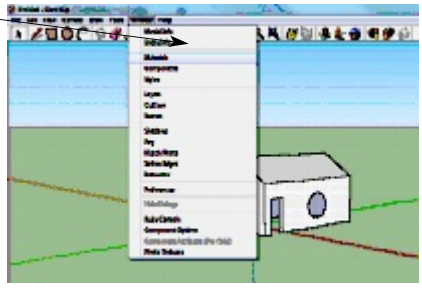


The orbit the box around and take
the other triangle off the box
then leave the new house facing this direction

Now go and get the select tool



On the top menu toolbar, click on the widows menu and click on the material bar is the window.

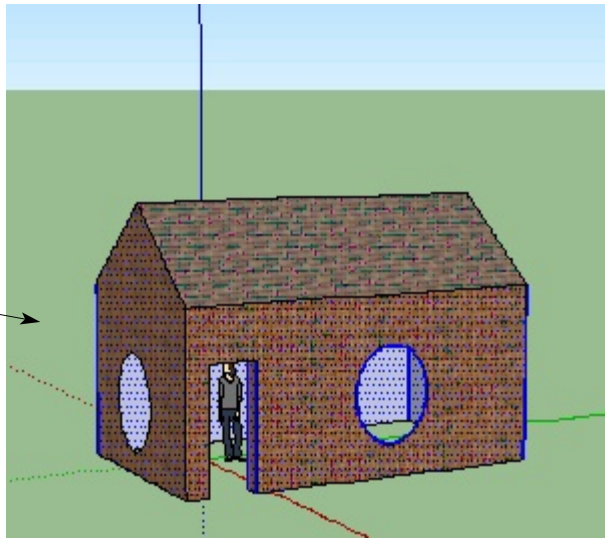


This box will open click on the middle drop down box and choose brick.

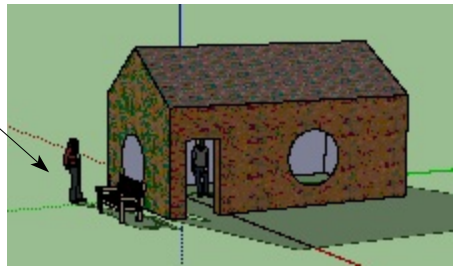
Then click on the red brick and the cursor will turn into a paint bucket touch the side walls

Use the orbit tool to turn the house around to brick all the house

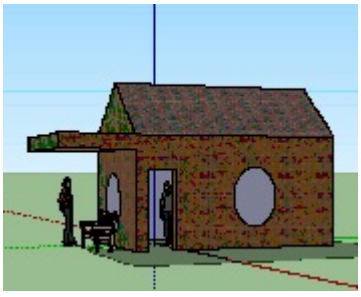
Also choose roofing from the material drop box and shingle the roof



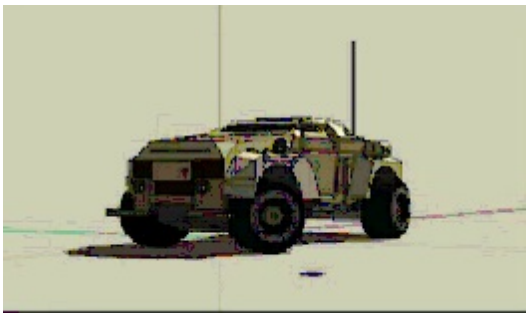
Now go to the windows drop down menu and choose components
Drag a bench
Drag a person
and place them like this



Now using rectangle tool and draw on the side of the house then use the push pull tool to put a shelter over the bench



Notice I have a shadow, go to the window menu and choose shadow click on the top left square to turn on the shadow then slide the bars to get the right effect.
Show Mr A

Project: 1 Look over the example model page and make one of the houses
From that selection, try and get as close to the example as possible

Project: 2 Draw your own house or car