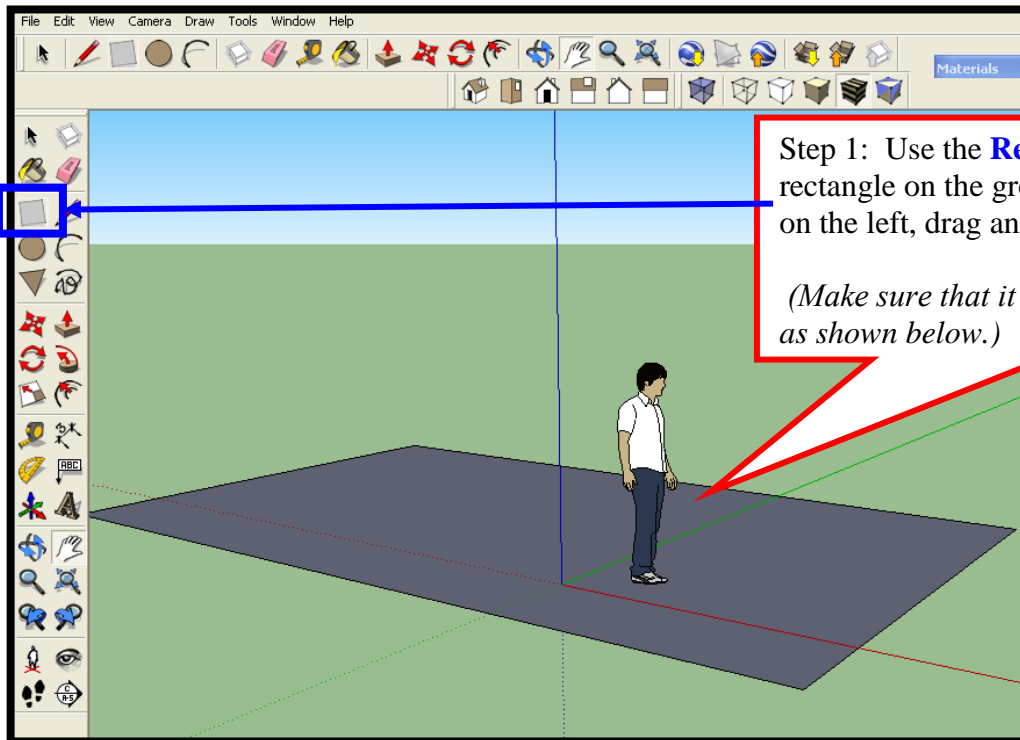# Google Sketch-up: Build a Simple House

Step 1: Use the **Rectangle tool** to draw a rectangle on the ground under Nick. Click once on the left, drag and click once on the right.

(Make sure that it only covers half of Nick's body as shown below.)
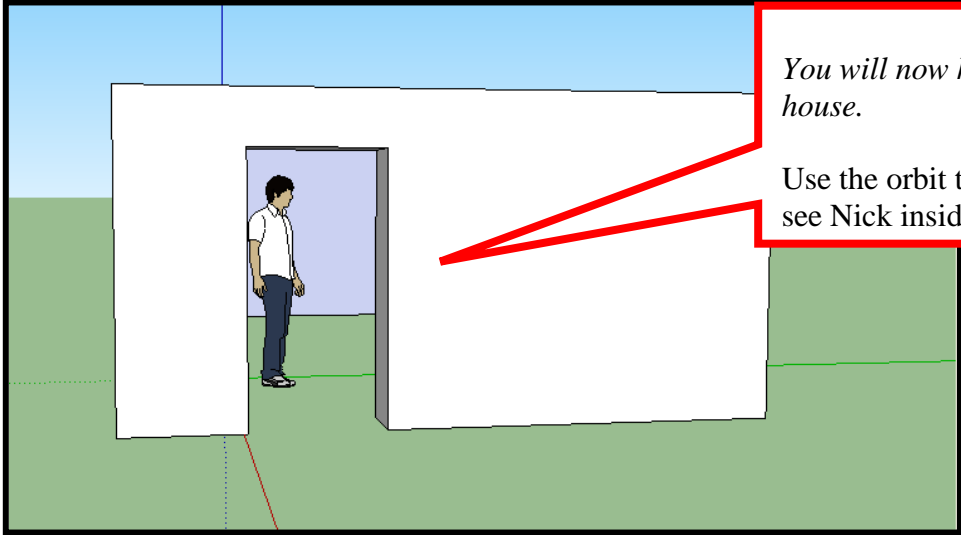
Tip- If you don't see all of your tools, go to View>Toolbars and select them. You'll need Getting Started, large toolset, Face Styles and Views.

Convert 2D shape into a 3D Rectangular Prism.
Click on the **Push/Pull tool**.
Click on the surface of the rectangle and pull up until it covers Nick.
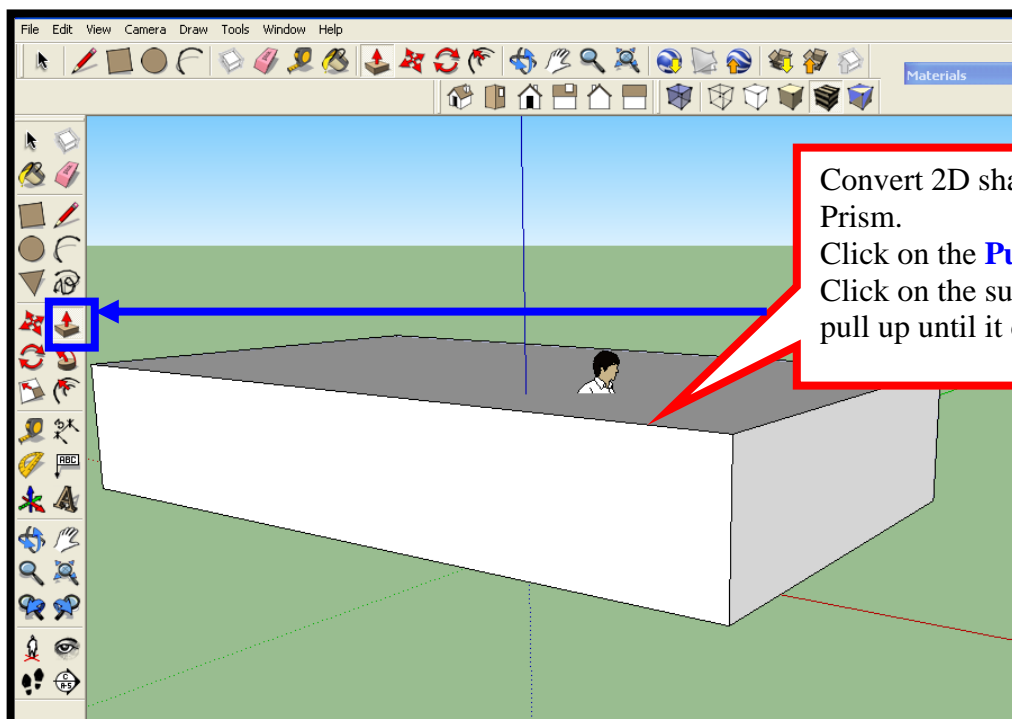
Click on the **Orbit Tool**- Now you can spin it around in 3D space.

In this view, click on the rectangle tool and draw a door like shown.

Press the spacebar to exit that tool.

Click on the push/pull tool. Click on the door surface and push back a little.

You will have a door that looks like this.

Click on the bottom edge of the door.

The line will turn blue.

Press the delete key-
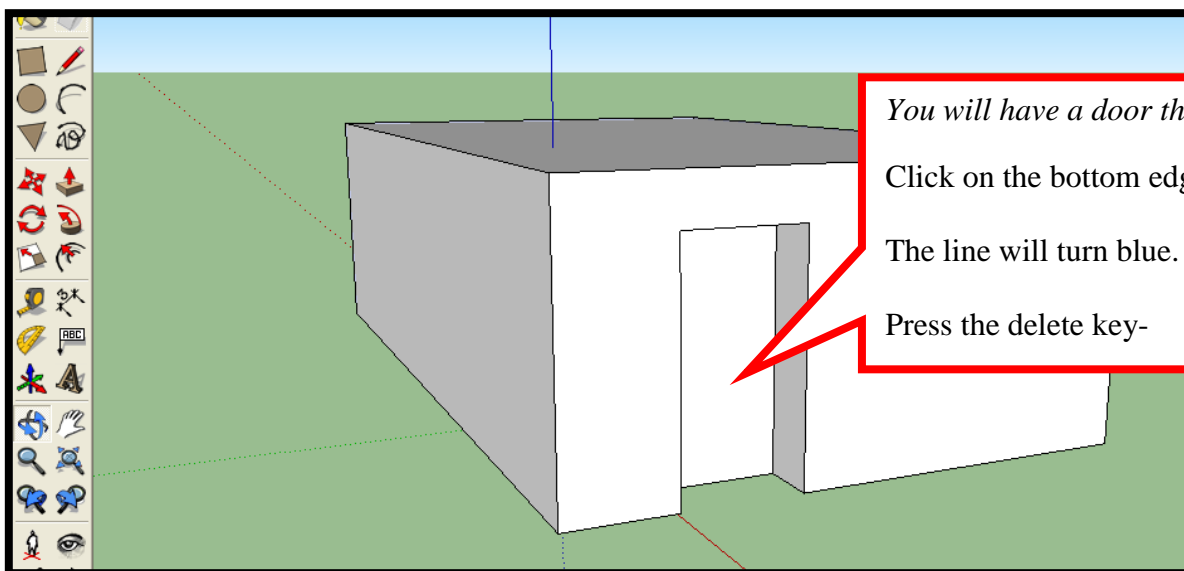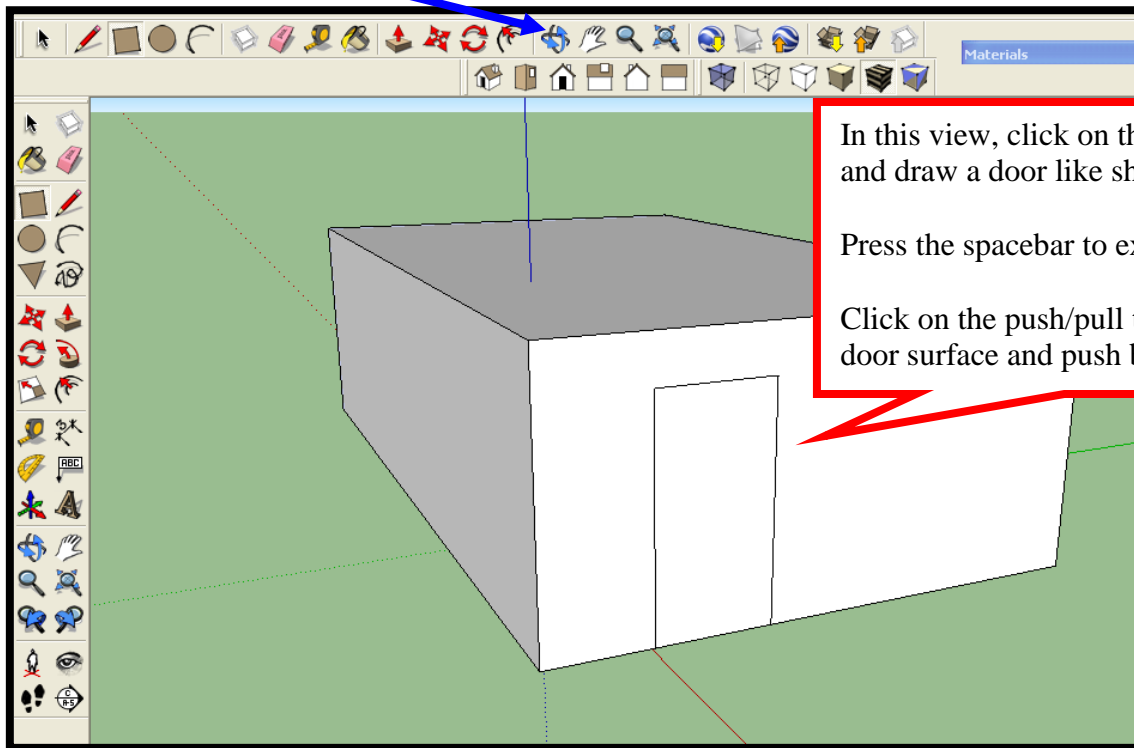
You will now have a door frame hole in your house.

Use the orbit tool to move around so you can see Nick inside.
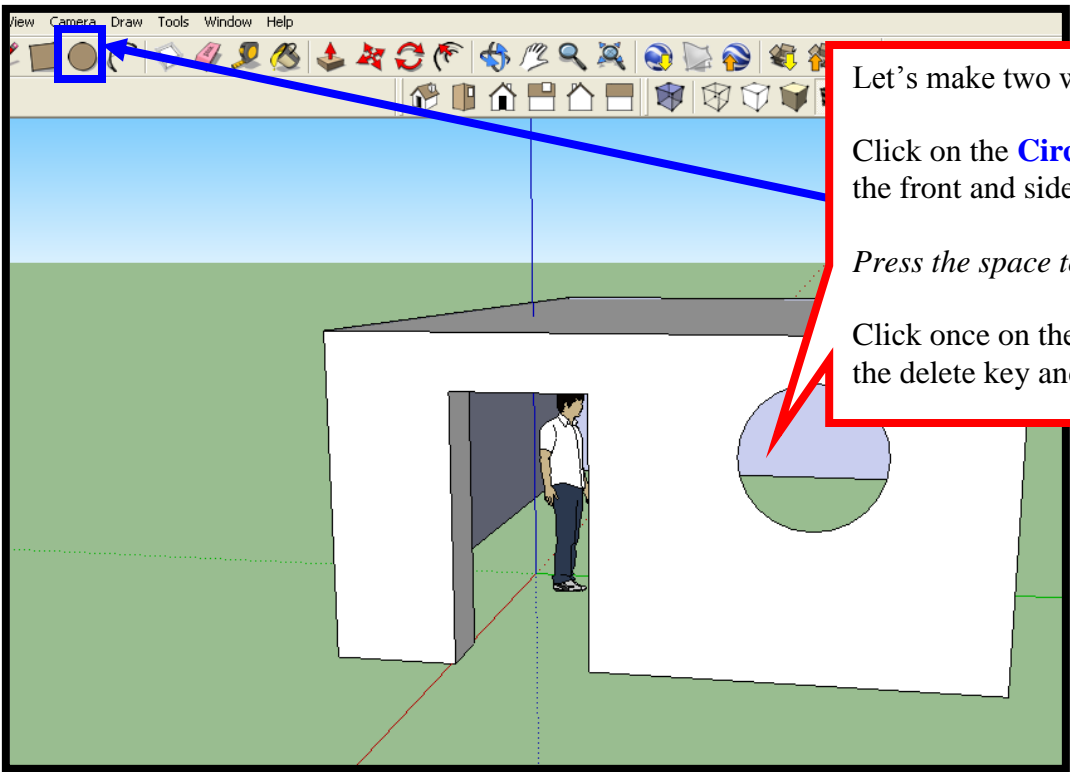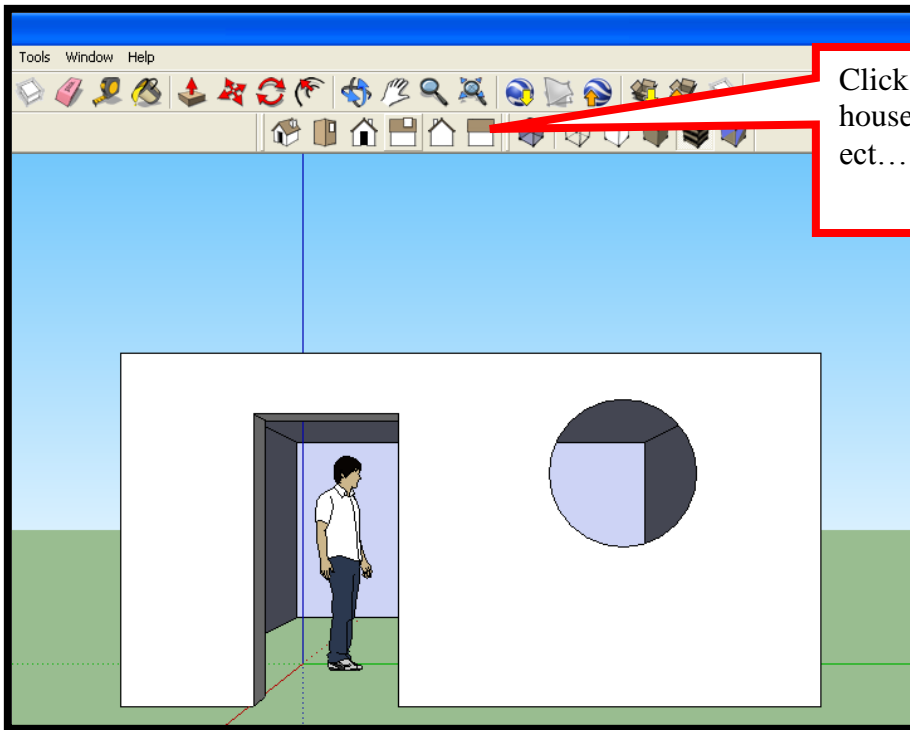

Let's make two windows.

Click on the **Circle Tool** and draw a circle on the front and side of the house.

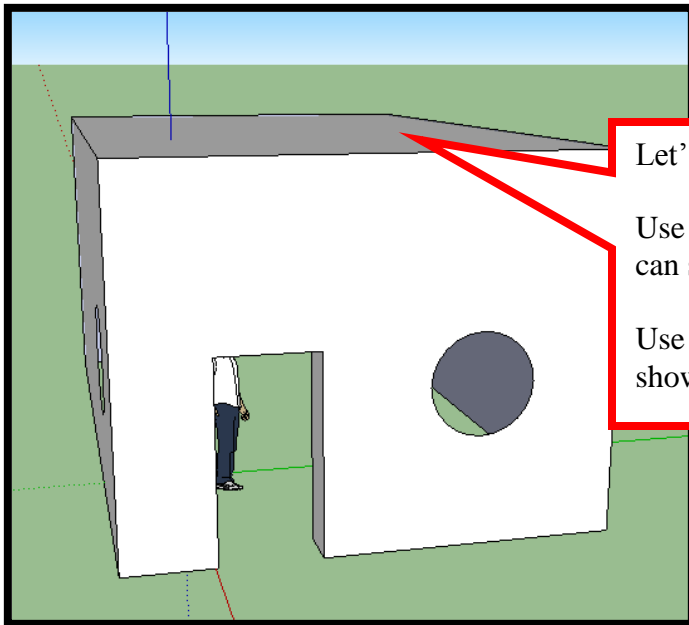*Press the space to exit this tool.*

Click once on the circle to select. Now press the delete key and it will create a hole.

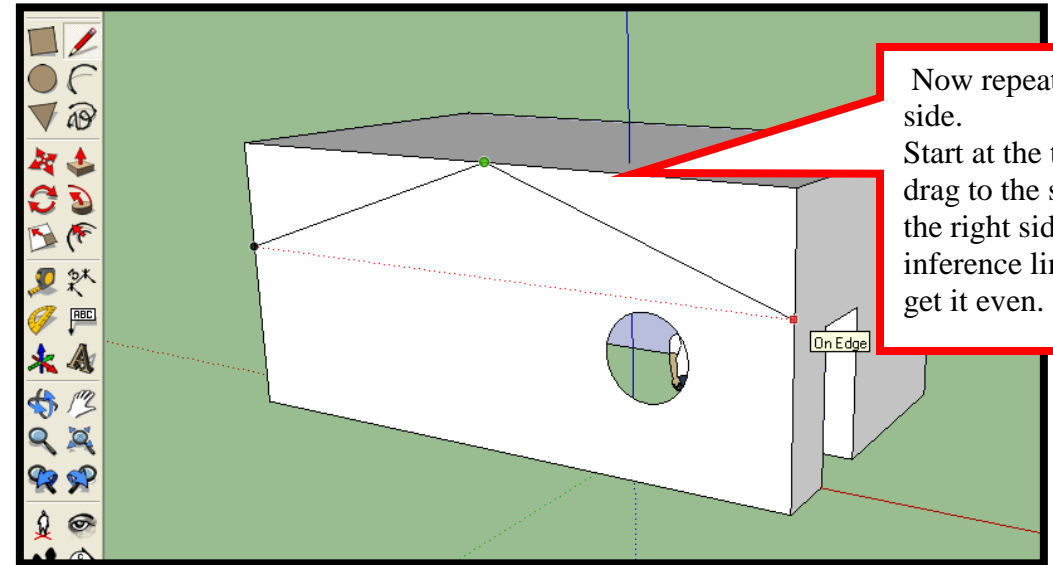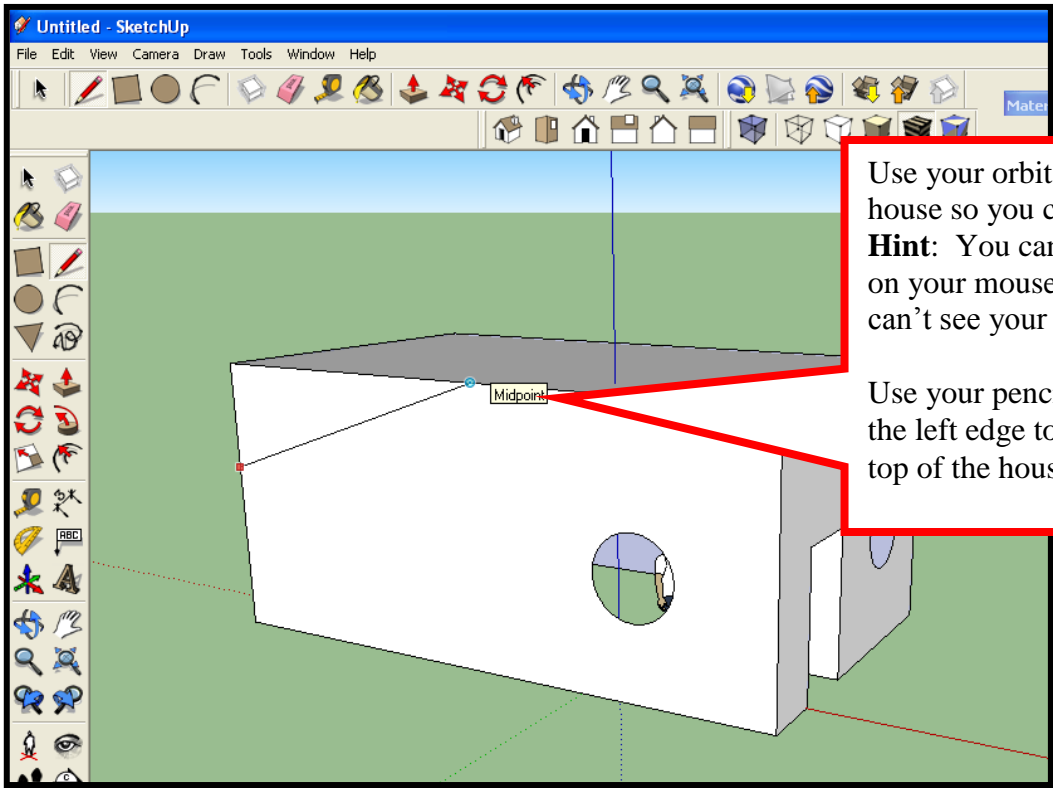- Use the Orbit Tool to move your house around in 3D space.

- Perspective
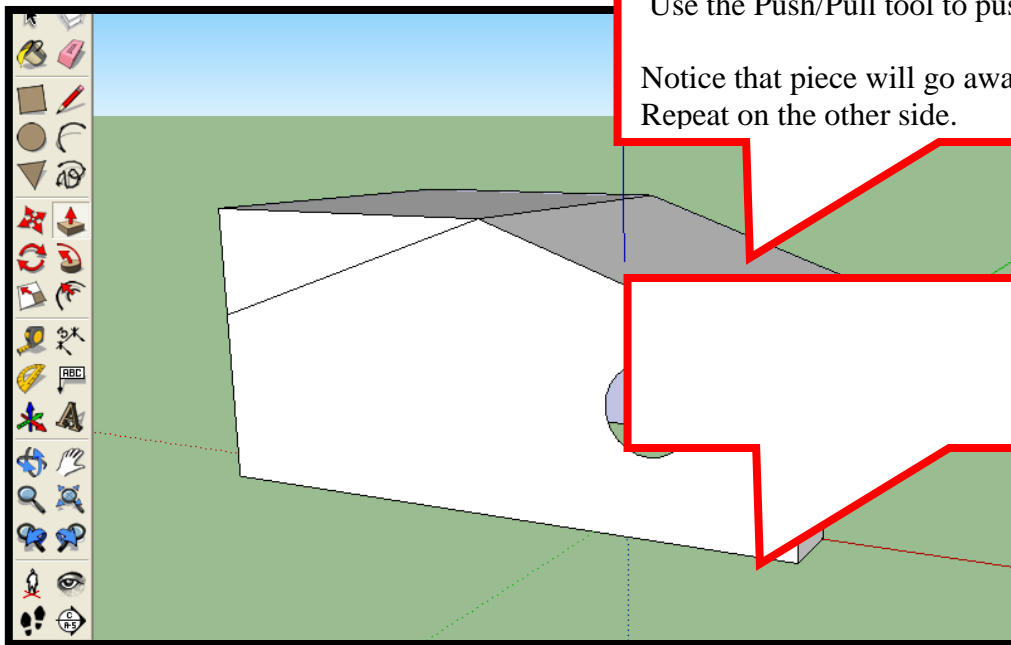

Click on each of the Views to see what your house looks like from the top, bottom side, ect…

Let's make a roof.

Use the orbit tool to position your house so you can see part of the top.

Use the Push/Pull tool to pull it up higher as shown.

Use your orbit tool to position your house so you can see the left side. **Hint**: You can use the scroll wheel on your mouse to zoom out if you can't see your entire house.

Use your pencil to draw a line from the left edge to the midpoint on the top of the house.

Now repeat on the other side.
Start at the top end point and drag to the same position on the right side. Let the red inference line guide you to get it even.

Use the Push/Pull tool to push it back to the other edge.

Notice that piece will go away as shown below.
Repeat on the other side.

Let's add brick and roofing to your house.
Click on the **paint bucket tool**.
Under materials, locate brick and cladding.
Choose one, then click on your house to place.
Next choose roofing and put a roof covering on your house.

Materials

Brick_Rough_Dark

Select | Edit

Brick and Cladding

Brick_Rough_Tan
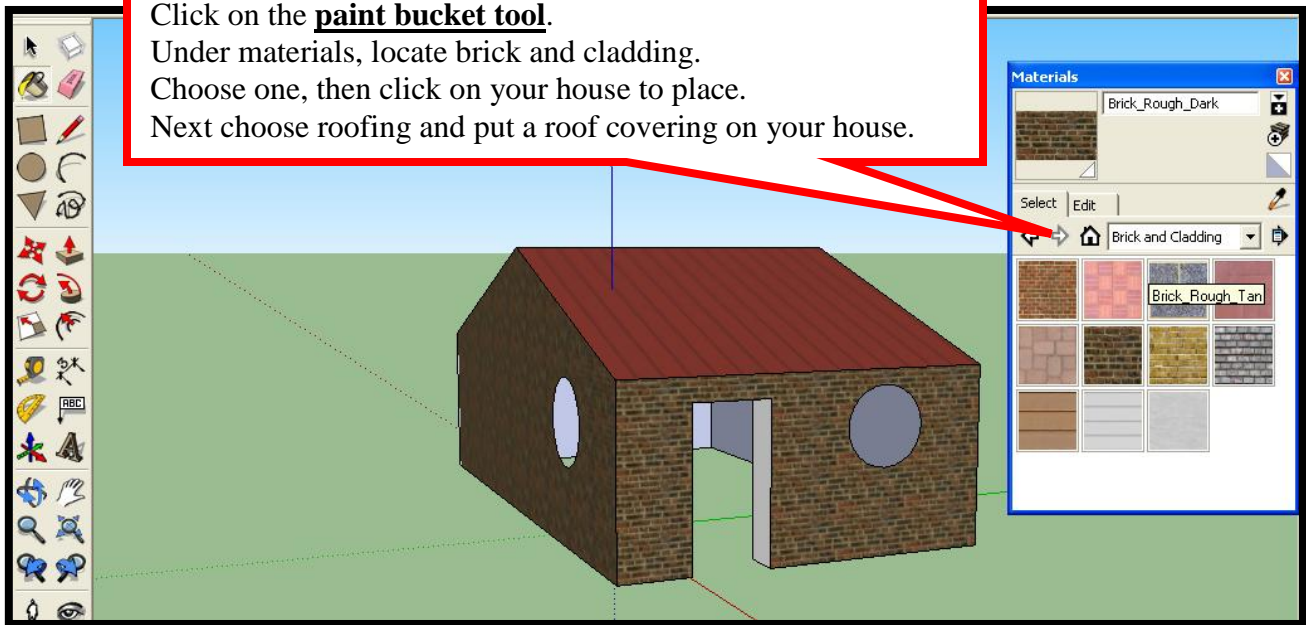
Add a park bench

- Click on Windows>Components

Search for park bench.

Click on the one you want and drag in.

Shadows
Click on Windows>Shadows

Check display shadows.

You can also change the time.