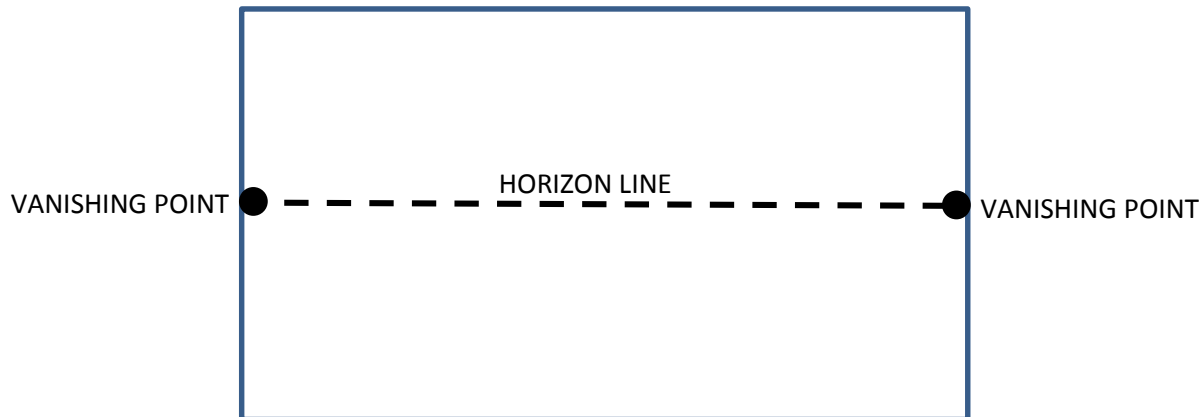
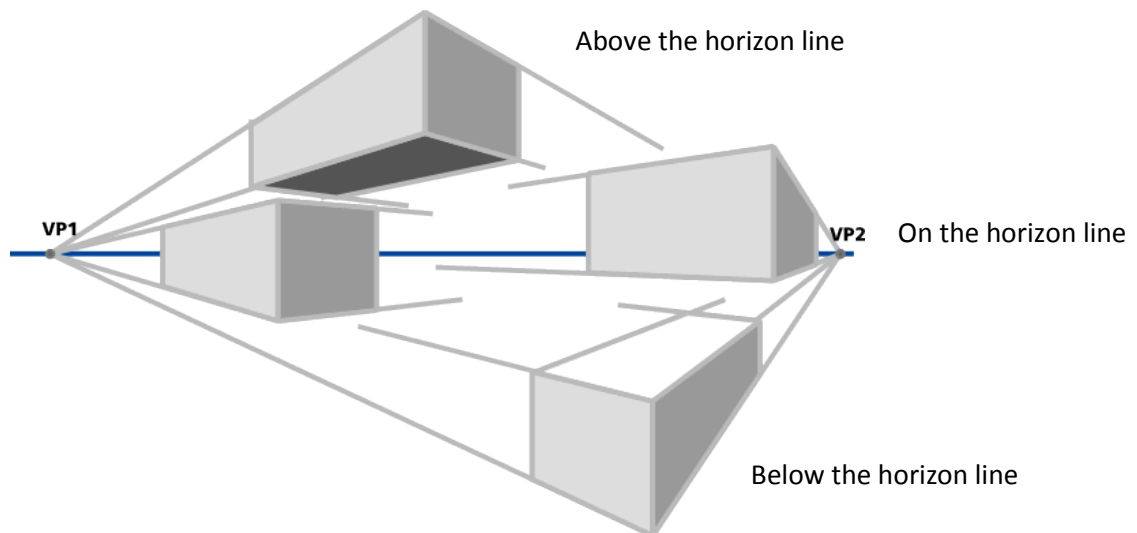


Developing 2 point perspective images:

1. First step is to take a 12x18 piece of drawing paper and hold it landscape.
2. Create a **HORIZON** line that is parallel with the top and bottom of the paper. Measure down from the top left of the paper 6 inches and place a dot. Measure down 6 inches from the top right and place a dot. Align the two dots and draw the horizon line across the paper. At the end of the horizon line place a larger dot that represents your **VANISHING POINTS**.

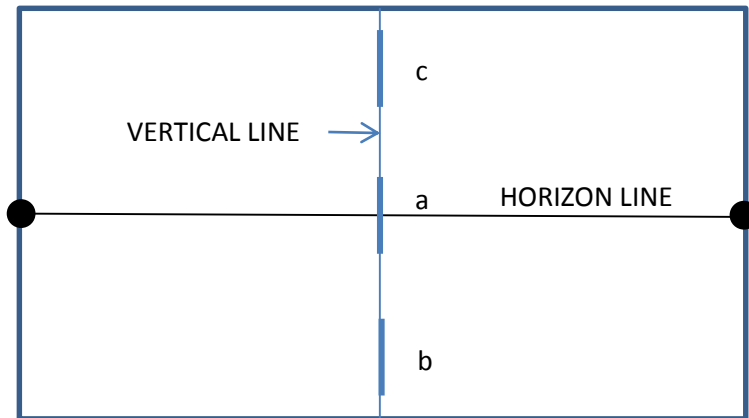


3. The first thing to learn about perspective is that there are three ways to look at perspective. **Above, on and below the horizon line.** The following example shows the differences.

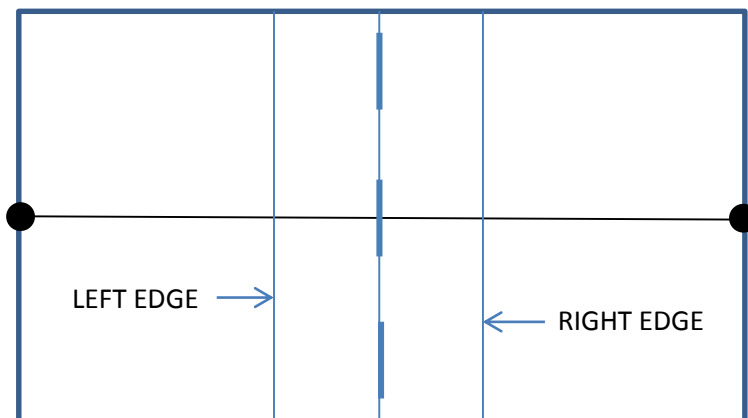


4. When you look at an object above or below the horizon line you will actually see three sides to the object. The left, right and top or bottom. If the object is on the horizon line you will only see the left and right side. You need to look at the horizon line as your line of sight. If you look straight out and keep your eyes fixed straight ahead and move your head back and forth this line allows you to see only two sides of an object. If you now look down, you are looking at the table from a bird's point of view or what we call below the horizon line. This allows you to still see the left and right side but also the top of the object. The same goes for above the horizon line but instead of looking at the top of the object you are now looking at the bottom. If you keep this in mind every time you create an object you will develop that object in correct perspective.

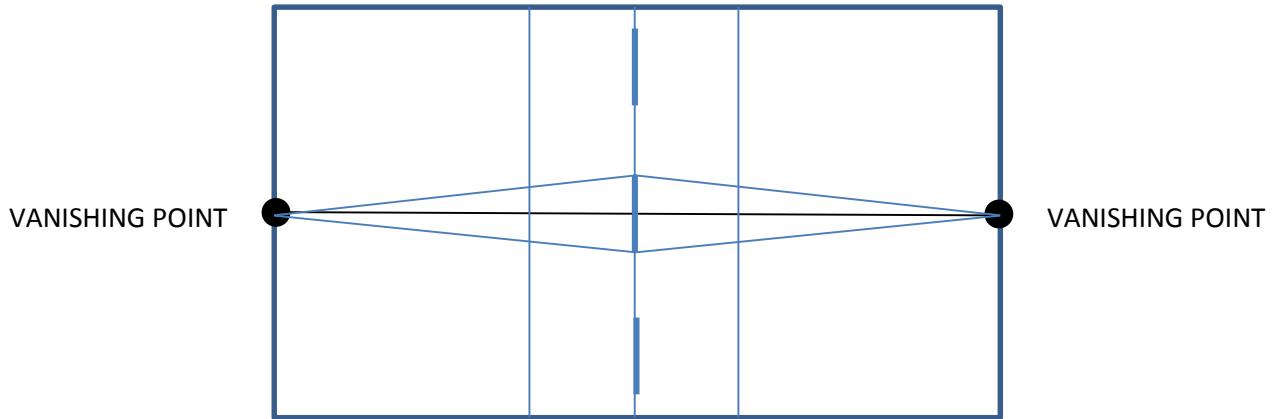
5. Creating perspective, especially when developing objects, you need to follow certain guidelines. If you follow these guidelines you can create anything in perspective.
6. Now that you have created the horizon line it is time to create your boxes above, below and on the horizon line. Draw a line in the center vertically that is parallel with the left and right edge. Measure from the top left edge of the paper 9 inches and place a dot. Measure from the bottom left edge of the paper 9 inches and place a dot. Align the dots like you did with the horizon line but draw the line very lightly.



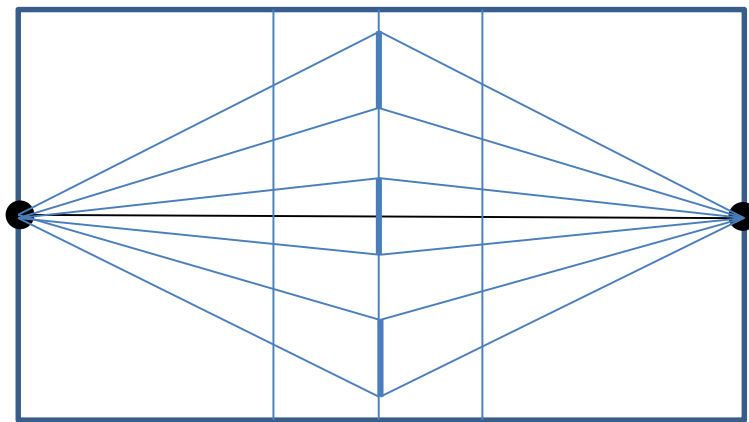
7. From the horizon line measure up one inch and place a dot and measure down one inch and place a dot. Do this on the vertical line. Connect the dots and draw a line (a). From the top of the 2 inch line that you just created, measure up 2 1/2 inches and place a dot. Measure up 2 more inches and place a dot. Connect the two dots with a thicker line as demonstrated above (c). Repeat this for the line below the horizon line (b).
8. The next step will be to create the width of the box. This can vary but follow these steps so everyone is on the same page. From the center vertical line at the bottom of the page measure to the right two inches and place a dot. Repeat at the top of the page. Lightly connect the lines to create the right edges of your boxes. Repeat these steps on the left side. Remember that we always make two measurements so the lines are parallel with the edges.



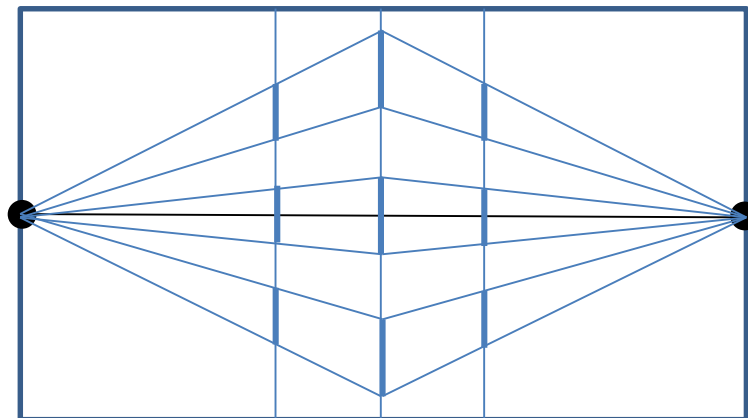
9. The next step will be to align the top and bottom edges of the vertical lines with the left and right vanishing points. Make sure you draw the lines lightly so you can eventually erase the parts not needed. Start with the center line. Using the ruler, align the top of the line to the left vanishing point and draw a light line. Do the same for the right side and bottom section. See below.



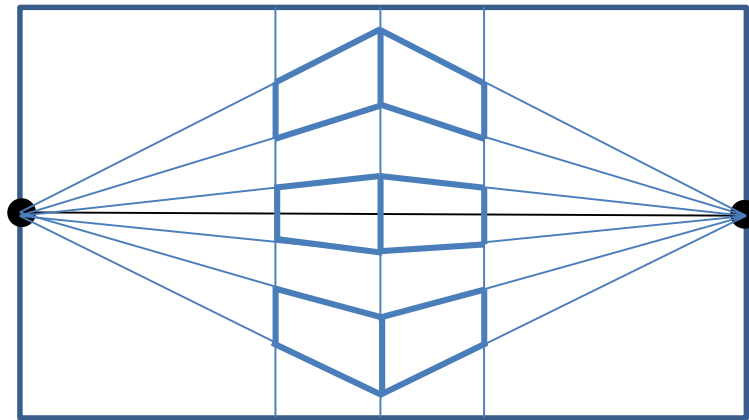
10. Do the same thing to the box above and below the horizon line. See below.



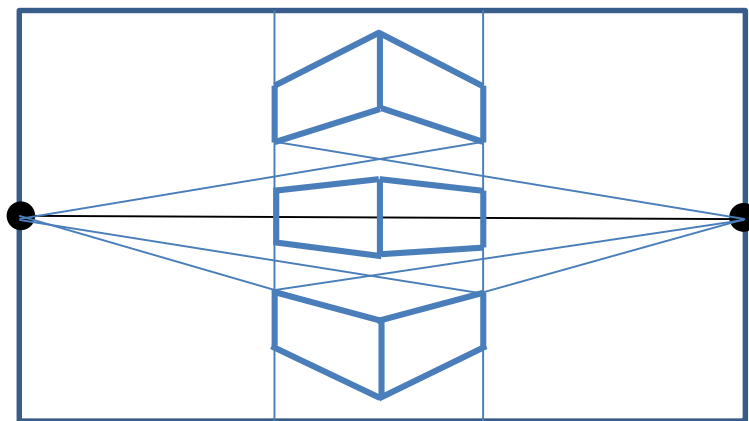
11. Now we will thicken the left and right edges. Hopefully you can see the boxes starting to develop. See below.



12. Next we will thicken the top and bottom of each side of the boxes. See below.



13. Now for the tricky part. If you practice this step you will be able to develop anything, in anyway in proper perspective. You have created the left and right side of each of the boxes and it's time to create the top and bottom of the box. When creating the top or bottom you will need to use the opposite vanishing point. Take the top left corner of the bottom box and align it with the right vanishing point. Do the same to the right corner. Repeat with the box above the horizon line. You should be able to see the bottom and top of the boxes. See below.



14. Now thicken the lines to be able to see the boxes above, below and on the horizon line. You do not need to erase the lines. I would suggest leaving them in case you need to review. Now try to add two other boxes either on the left or right side of the ones you just created. Put one on the horizon line and one above or below the horizon line. Notice how the form changes as you move from the center line.

