

Unit Four Step One

Review or Learn about Perspective Drawing

When you want to bring some structure to your drawing such as a building, box or even a automobile you need to learn when and how to draw the 3D looking objects(illusions) on your 2-D surface (paper). One or two point perspective drawing is a method of drawing 3-dimensional that uses points as references. Here is some important vocabulary to know before beginning.

- Perspective – the way you look at things
- Reference – the stationary point that everything else is based on
- Horizontal – something that goes from left to right
- Vertical – something that goes up and down

One points perspective should be a review from your Art One course that you took in Jr. High, But, if you never learn it, read over or practice these steps before beginning any two point perspective drawings for Unit Four..

To learn the one and two point perspective techniques, we will draw simple houses. Once this skill is mastered, you can move on to draw just about anything. It is best to use a pencil when drawing, as you will have to erase lines.

One Point Perspective

The simplest of the point perspective drawings is one point perspective. The area on the right of the paper is for your drawing. The left side shows the steps.



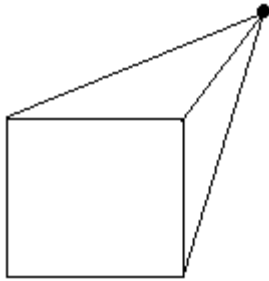
Step 1



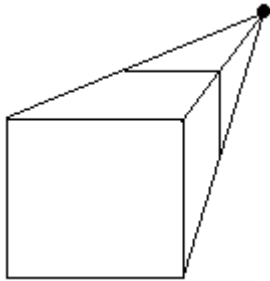
Step 2

Step 1. Draw a horizontal line about in the middle of your paper. Then start by drawing a box. Below the horizontal line. (Use a ruler at all times in your, don't use the edge of your paper as a line, Use the ruler to make a square). This will be the front of your building.

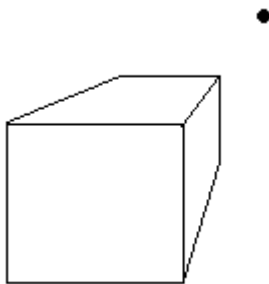
Step 2. Now draw a dot ON your horizon line. (some-where above and to the right of the box).



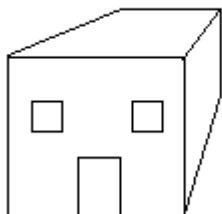
Step 3



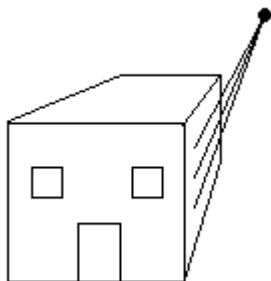
Step 4



Step 5



Step 6



Step 7

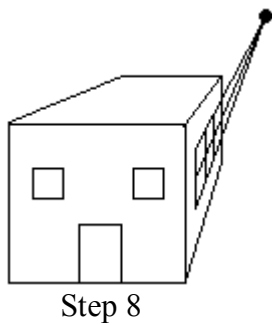
Step 3 Connect the three closest corner of the front of your square to the dot. (Be sure NOT to connect any lines that would cross over the box.)

Step 4 Draw a parallel horizontal line across the highest two lines that reach to your point. This should be where you want the back of your building to be. Then draw a parallel vertical line from where the horizontal line you just drew connects with the middle line to the point to the third line.

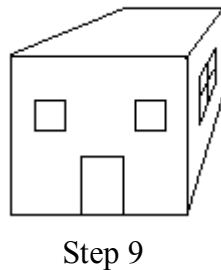
Step 5 Erase the “extra” parts to your lines. You should be left with a simple box.

Step 6 Windows and a door can be added on the front face the house. Since you are drawing on the front face, all of your lines do not need to be done in any perspective, and they should be completely horizontal and vertical.

Step 7 Let's say we want to draw a window on the side of the building that has 4 panes. To draw this, draw three lines from the point to the side of the building. These will be the top, middle, and bottom of the window. Now you need to draw three lines from the top line you just drew to the bottom line you just drawn. These will be the left, middle, and right sides of your window.



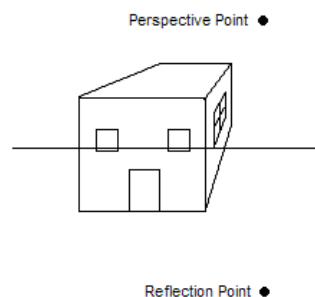
Step 8 Now you need to draw three lines from the top line you just drew to the bottom line you just drawn. These will be the left, middle, and right sides of your window.



Step 9 Erase the extra lines and you will be left with a 4 pane window on the side of your house.

With one point perspective drawing, you can draw your point *anywhere on the horizon line just*, as long as it is outside of the object you are drawing. With this said, you also must be careful because the place you put it may not be practical. For example, how would you be able to draw the front of a building if you were standing in the back?

So what changes when you move the point? The perspective you see changes. If you are standing close to the right side of a building, you would see a different angle than if you stood far away on the left side. The idea of a mirror generally helps you figure out where you are drawing a perspective of. Take our drawing of the building above. If we draw a mirror line in the middle of the front of our building and reflect our point, we see that we drew a house as if we were standing in the front left of the house:



Please make sure you understand this point. If you do not, consult the teacher to explain this better. Do not get mixed up – remember that the “left” of a building is actually on the right of your paper.

Draw the above house as if you were standing:

Far away and to the Right

Close by and directly in the middle

Before moving on, think of something a bit more complicated to draw and use the one point perspective techniques to draw it. Draw it on your own paper and show it to someone else before moving on. It is important that you have understood what you are doing at this point. **Ask questions if you do not understand one of the parts.**