



PERSPECTIVE 101 – THREE POINT PERSPECTIVE



Adding a third vanishing point, on the up and down or vertical axis gives us a whole new way of representing a three dimensional object.

We've been able to change our point of view before, from a worm's eye to a bird's eye view, but with the addition of the third vanishing point we can now add ariel foreshortening.

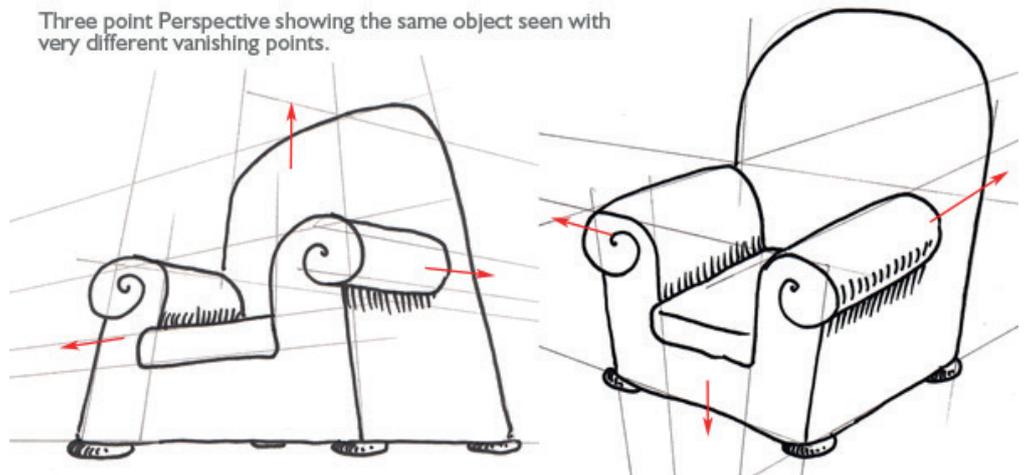
To a bird flying in the sky, the top of a building appears bigger than the bottom while the opposite is true for a worm. The worm sees the ground as huge and the roof small and somewhere way up there!

Place the third vanishing point below the object and you will get a bird's eye view. Place it above and you will get a worm's eye view.

It doesn't have to be a building, three point perspective works with any object.

Your job as you learn to draw in perspective is to let imaginary lines build inside your head so that you can visualise any object within a three dimensional grid that you can distort when you want to draw it from a different angle.

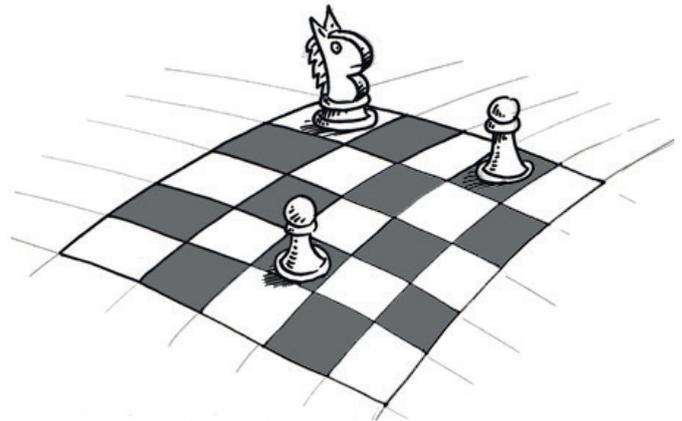
Three point Perspective showing the same object seen with very different vanishing points.



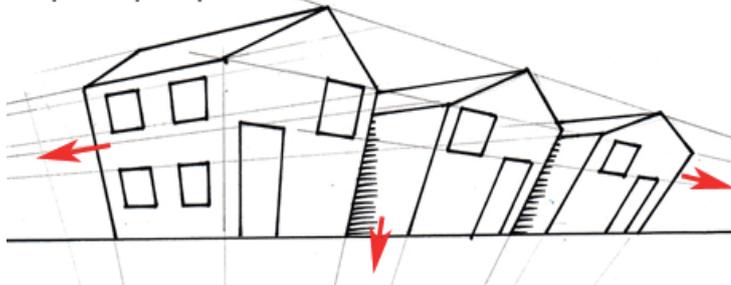
The grid is exactly the same each time, like a transparent Rubik's Cube, that can be easily distorted by making the cube's parallel lines meet at a distant vanishing point.

Straight lines can be curved to give weird effects. As long as the lines all meet at vanishing points the eye will accept the effect

This is how you might draw the quilt on a bed or rolling countryside with hedge-lined fields.

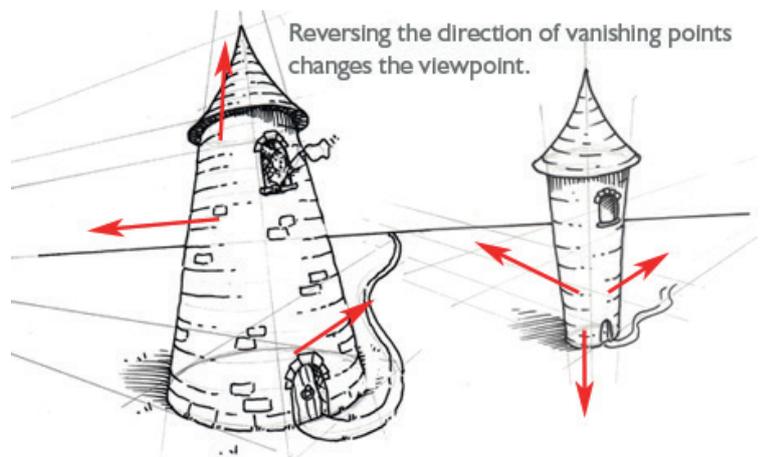


3 point perspective allows some weird effects!



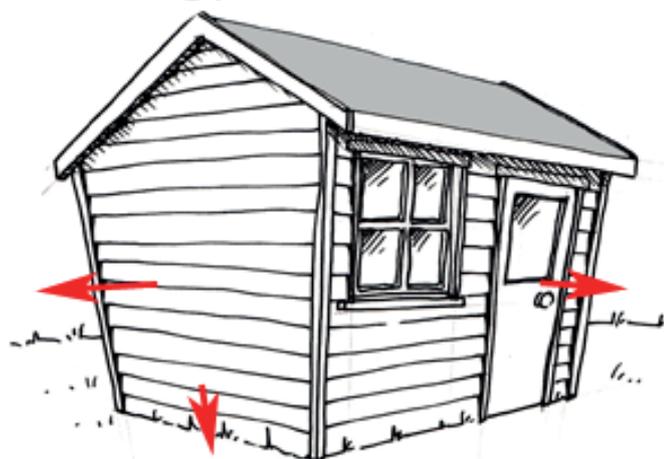
Have fun playing with three point perspective. The more you play with it and try outrageous angles, the more you will come to understand the power of perspective. If the angles are correct, the eye will accept it.

Unless you want to make drawings with wild angles and viewpoints, it is generally best to keep the vanishing points well off the page, so the perspective effect is more subtle.



Like anything else, to get good at perspective drawing you need to practice. That means lots of little one minute sketches in your sketchbook. Artists need to practice just like musicians do. Drawing objects in perspective from different angles is the same as a musician playing endless scales. When you do a lot of practice, you begin to do the difficult, technical parts automatically, then your wonderful, creative brain can concentrate on the artistic,

3 vanishing points add more interest creative stuff!



Challenge yourself to do five minutes every day for a week and see how improved your understanding of perspective becomes. Good luck and have fun. Thanks for watching all these videos. I hope they have clarified something for you.