

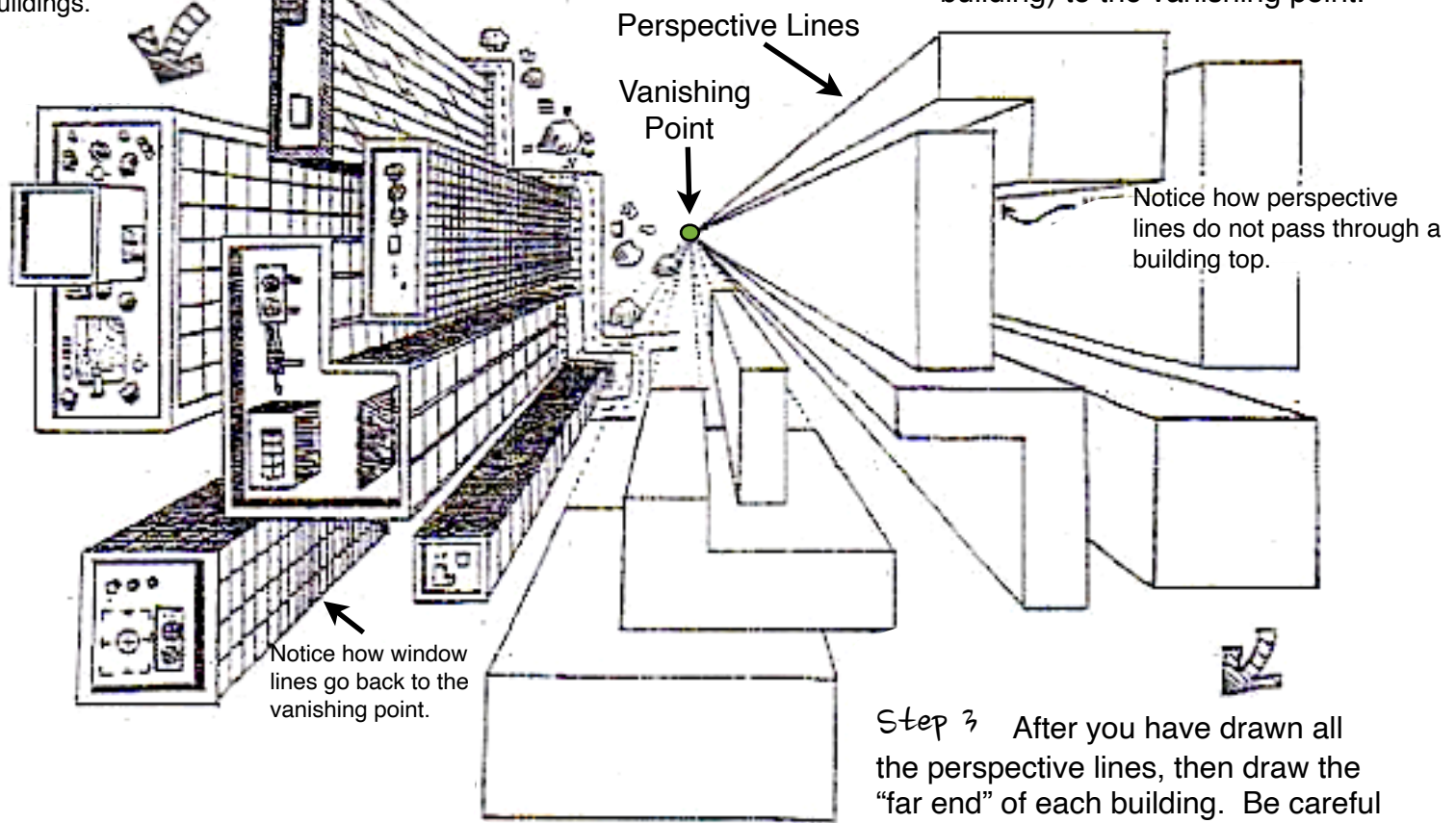


Birds-Eye Perspective View of a City.

Step 1 First, put your vanishing point in the center of your paper. Then draw 20 or more shapes around your vanishing point. These shapes will be the TOPS of your skyscrapers.

Step 5 Finish by adding windows in proper perspective. Make sure window lines are parallel to the top of the building and also go towards the vanishing point. Be creative with your design and add shading, patterns, roads, trees, sidewalks, street signs and more. Make sure you have at least 20 buildings.

Step 2 Next, draw perspective lines from each corner of the shape (without passing through the top of a building) to the vanishing point.



Step 4 Erase the perspective lines from the "far end" of the building to the vanishing point.

Step 3 After you have drawn all the perspective lines, then draw the "far end" of each building. Be careful not to draw over the other buildings.

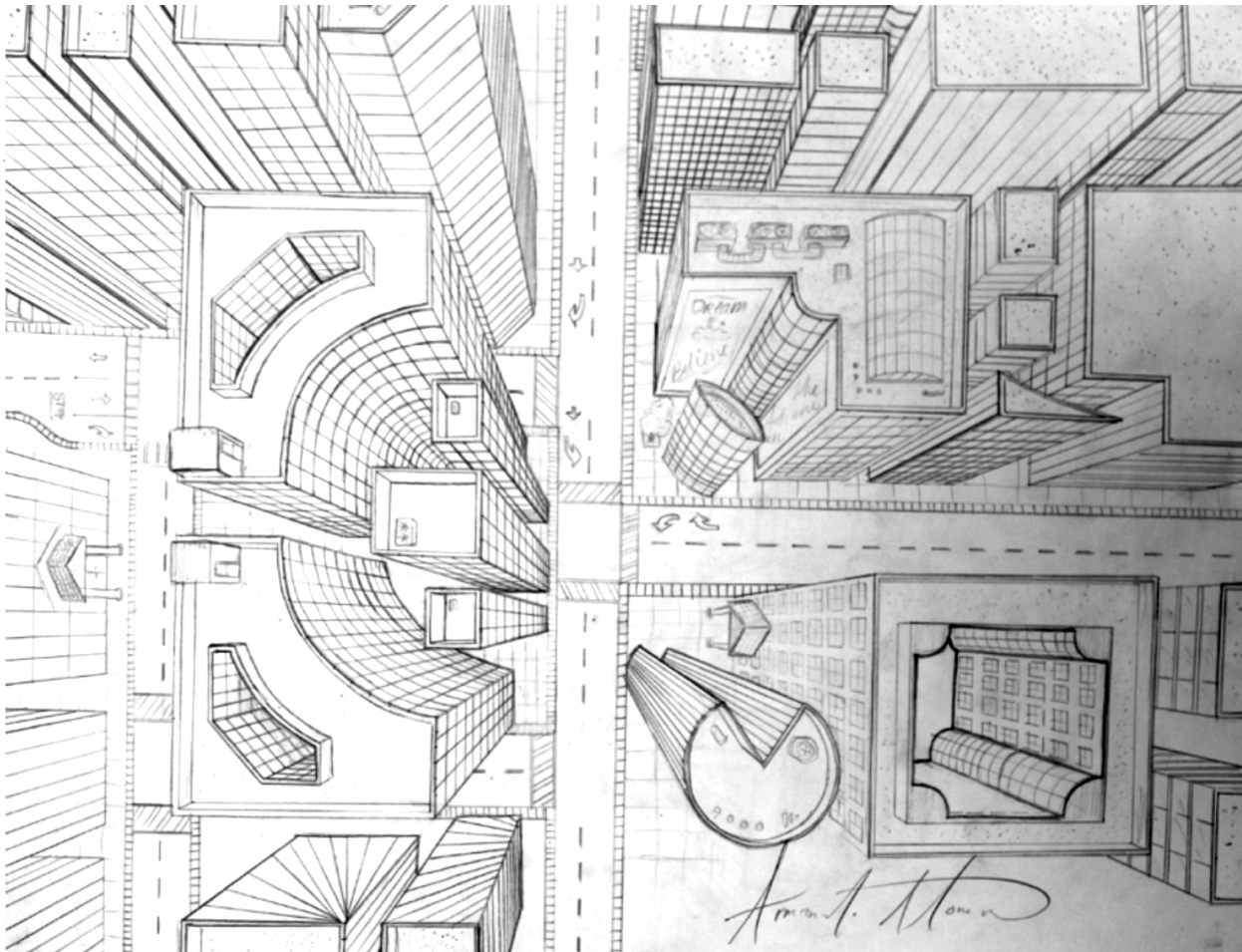
Rubric on back----->

Rubric: 30 points - Student has drawn at least 20 (or more) buildings around a central vanishing point. The student has carefully drawn perspective lines from each corner of the their shapes down towards this point and has “transformed” or changed the shapes into buildings. Great craftsmanship is used throughout. The student has finished the drawing by adding windows in proper perspective. They have also used shading, patterns, roads, trees, signs, sidewalks, and more to add details to their city. They were very creative in their design. They have not used any copyrighted material (no clothing brands, sports teams, cartoons, music labels or anything else that has a copyright).

22-29 points: Student has drawn between 10-19 buildings around a central vanishing point. The student has only partially drawn perspective lines from each corner of the shapes down towards this point and has only started to “transform” or change the shapes into buildings. Craftsmanship is lacking or is sloppy in some places. The student has not completely finished the drawing by adding windows in proper perspective, shading, patterns, roads, trees, signs, sidewalks, and more. Only some parts are creative. They have used any copyrighted material in some places.

0-21 points: Student has drawn between 0-9 buildings around a central vanishing point and/or the vanishing point is not evident or clear. The student has drawn some to no perspective lines from each corner of the shapes down towards this point and has not or has only started to “transform” or change the shapes into buildings. Craftsmanship is poor or is sloppy in most and/or all places. The student has not completely finished the drawing by adding windows in proper perspective, shading, patterns, roads, trees, signs, sidewalks, and more. Creativity is lacking. They have used copyrighted material in many places.

Student Example of completed project that meets all of the requirements.



VOCABULARY: Vanishing point (VP): is the point on the horizon line where the straight lines of an object converge and the object seems to disappear.

Perspective lines: are lines (invisible in real life) that extend from the edges of objects and recede into distant space until they finally seem to vanish at a point on the horizon line known as the vanishing point.

Horizon line: is a horizontal line (invisible in real life) sometimes referred to as eye level, which divides your line of vision when you look straight ahead. Your eye level and the horizon line are one and the same.

One point perspective: occurs when the frontal face of an object (such as a cube) is closest to you, and its edges recede in space and converge at a single vanishing point.

Practice drawing buildings using birds-eye perspective here. Make sure to add windows in proper birds eye perspective (that go to the vanishing point and are parallel to the top of the buildings). Put your vanishing point in the center.

