

Igniting imagination and innovation through learning.

Perspective Sketches

Perspective Drawings

A perspective drawing offers the most realistic three-dimensional view of all the pictorial methods, because it portrays the object in a manner that is most similar to how the human eye perceives the visual world.

Perspective Drawings



1-Point 2-Point 3-Point

One-Point Perspective The one-point perspective is relatively simple to make, but is somewhat awkward in appearance when compared to other types of pictorials.

A horizontal line, representing the horizon, is drawn across the upper portion of the paper. One vanishing point is identified somewhere on the horizon line.



One-Point Perspective A horizontal line, representing the

horizon, is drawn across the upper portion of the paper. One vanishing point is identified somewhere on the horizon line.

A series of lines are drawn from distinctive points outlining the object being constructed.

The end result looks like the next slide.





Two-Point Perspective The *two-point* perspective is the most common perspective drawing.

A step-by-step procedure will be explained for the perspective.



Perspective
 A horizontal line, representing the horizon, is drawn across the upper portion of the paper. Two vanishing points are then identified, one on either end of the horizon line.



- Perspective
 A horizontal line, representing the horizon, is drawn across the upper portion of the paper. Two vanishing points are then identified, one on either end of the horizon line.
- 2. A vertical construction line is drawn, which represents the overall height of the object. Two points are marked on this line, which represent a top and bottom corner of "the box" within which the object will be sketched.



Perspective
 Two construction lines are drawn from each point to the vanishing points on the horizon line.



4.Points and vertical construction lines are drawn to represent the overall width and depth of the object. Their locations must be estimated to make the overall dimensions of "the box" appear proportional. Once properly located, construction lines are drawn from the top points to the vanishing points on the horizon line.



 Perspective
 Points and construction lines are used to identify the corners of the object that occur on the visible surfaces of "the box."



6. Depending on the complexity of the part, it may be advantageous to trace over the visible edges with object lines before the drawing becomes cluttered with points and construction lines.



 Perspective
 Points and construction lines are used to identify the corners of the object that occur inside "the box."



8. Object lines are then drawn over the construction lines to delineate the visible edges of the part.



Three-Point Perspective The *three-point* perspective gives the viewer either a worm's eye, or bird's eye view of an object.



Three-Point Perspectiv Horizon Line This is set up similar to the two-point perspective; however, a third vanishing point is identified near the bottom of the construction line.

The end result looks like the next slide.



