Using the Sighting Method

• It can be used as a measuring tool to gauge relative scale of objects and also as a way to determine approximate angles of objects or areas allowing them to assume the illusion of perspective.

• First, we will look at the pencil as a measuring tool.

• By placing your pencil eraser or top at the top edge of whatever it is you want to measure and your thumb on your pencil at the bottom of whatever item you are measuring, you can get an approximation of scale when you move to another object in your still life, room, etc.
Positive and Negative Space

• Pay attention to the space objects occupy.
• For example, the area around the cup is just as important in a still-life drawing as the cup.
• Ask yourself how much of the paper you want fill up with the objects? Do you want them dead center or off to the side?
• Tiny still-life drawings on a big piece of paper do not make sense.
Perspective and Proportion

Sighting technique

• Arm stretched and locked at the elbow.

• Pirate eye

• Measure the relative size and angles of objects using a reference stick
• Without moving your thumb turn the pencil to approximately measure another part of the object.
• The relationship of these two measurements will be the proportions you transfer to your picture plane.
Still Life Drawing

Task:

• Use sighting techniques to draw the object

• Observe both the objects and the space around them. Decide where to place them and DO NOT draw small!

• Measure the correct proportions using the sighting technique

• Measure the correct angles from your perspective

• Draw the shape of the object first, then slowly start adding value to make the object a form or 3 dimensional
Perspective and Proportion
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Definitions:

• **Perspective**: your positioning relative to a subject. Your vantage point.
Perspective and Proportion

Definitions:

- **Perspective**: your positioning relative to a subject. Your vantage point.

- **Proportion**: relative size of objects
Perspective and Proportion

Point Perspective

Definitions:

• Horizon Line: A line that divides the sky from the ground
Perspective and Proportion

Point Perspective

Definitions:

• Horizon Line: A line that divides the sky from the ground

• Vanishing Point: a point that represents where the eye can no longer see into the distance
Perspective and Proportion

Point Perspective

1 Point Perspective Task:

• Draw a series of objects/boxes in a landscape using 1 point perspective techniques
  – Level 1: boxes
  – Level 2: combination
  – Level 3: 3-D letters
Perspective and Proportion
Point Perspective

2 Point Perspective Task:
• Draw a city using 2 point perspective techniques
  – Level 1: simple box buildings and two street views
  – Level 2: Buildings with windows and doors
  ows, doors, people and cars
Drawing a corner of a room

- Find the part of a room where the corner meets the top of the room.
- Place your pencil horizontally across this point just below this juncture.
- Make sure your pencil is horizontal by holding your pencil in both hands with your elbows locked.
• At the top of the corner you should be able to see the angles of the sidewalls above the pencil. (Think of your pencil as a straight line rather than a 3-d object in space.)

• You want to observe the width of the angles and transfer them to your paper. The corner will always be a true vertical (up and down).
• Next move your pencil to the bottom of the corner just above the juncture of the walls and floor and measure those angles.

• Transfer these lines to your paper. You should have a drawing at this point that looks like an open book. Make sure the angles are going in the same direction as the illustration to the left.
• Keep in mind that doors and windows as they approach eye-level will have horizontal lines.

• The tops and bottoms will have slanted lines approaching the angles of the top and bottom of the walls of the room.
Perspective Corner Drawing

1. On a sheet of drawing paper decide on a corner to draw
2. Establish the corner angles for the ceiling and floor
3. Begin adding in details like doors, windows and furniture
4. Finish details and shade values into your drawing to add realism