



VOCATIONAL AND CAREER EDUCATION  
MAY 4<sup>TH</sup> - MAY 8<sup>TH</sup> 2020

**This is a general Graphic Communications activity. Please make sure you are checking your BPS e-mail and Microsoft TEAMS for updates from your teachers. They will be sending you other activities that are specifically designed for your class.**

## One Point Perspective



### LESSON FOCUS:

This lesson focuses on the basic principles of one-point perspective and the creation of a drawing that shows the illusion of three-dimensions on a two-dimensional surface.

### VOCABULARY:

**Eye Level:** An imaginary plane passing through the eyes of the artist or other viewer, when he or she is looking ahead.

**Horizon Line:** The horizon line in perspective drawing is a horizontal line across the picture. It is always at eye level - its placement determines where we seem to be looking from - a high place, or from close to the ground.

**One-point perspective:** A technique for perspective in which the lines formed by the sides of the road, walk, or track seem to come together at a vanishing point on the horizon. It is also known as parallel perspective.

**Overlap:** Placing one object in an artwork in front of another, partially concealing the object behind. This technique is used to suggest depth.

**Orthogonal:** Diagonal lines that connect to the vanishing point.

**Perspective:** A graphic system that creates the illusion of depth and volume on a two-dimensional surface. It was developed during the Renaissance by architect Filippo Brunelleschi. Perspective is created by overlapping, size variations, placement, detail, color and converging lines.

**Representational:** Any artistic style in which objects or figures are easily identified.



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**Vanishing point:** The **point** at which parallel lines receding from an observer seem to converge. This is the point in a picture, where the road appears to “vanish”.

### **PRACTICE PROJECT: ONE POINT PERSPECTIVE CUBE**

*(can be done on 8.5 x 11 sheet of paper)*

- Orient your paper horizontally.
- Draw a **horizon line** towards the center of the page and label it.
- Keep in mind the importance of placing the end of the ruler flush with the edge of the paper.
- Draw the **vanishing point** in the center of the horizon line and label it.
- Now draw a square or rectangle and label it "**front face**". Draw it in one of the lower corners so you have plenty of room to add more forms.
- Now connect three corners of your rectangle or square to the vanishing point. These are **orthogonals**. Draw lightly so you can erase.
- The next two steps help you to determine the depth of the box.
- Draw a **horizontal line** between the top two orthogonals where you want your form to end to make the top of the box.
- Draw a **vertical line** down from the horizontal line to complete the side.
- Erase the remaining **orthogonals**.

### **FINAL DRAWING ASSIGNMENT DIRECTIONS:**

- Using the tools of one-point perspective, create a representational image that shows the illusion of depth (three-dimensions) on two-dimensional surface.
- Suggested subject matter: Scenes that depict distance such as rooms, hallways, street scenes and fences.
- Draw out your idea on a piece of paper. Plan your idea and create a well composed and well balanced sketch in pencil, lightly, applying the tools of one-point perspective. It is best to use 11 x 17 or 14 x 17 drawing paper but this assignment will work on 8.5 x 11. Finish using colored pencils.
- Things to keep in mind:
  - Objects that are further away are usually higher on the page (closer to the horizon), smaller in size, are less detailed and the color less intense.
  - Objects that are closer are usually at the bottom of the page, larger in size, are more detailed, and are brighter and/or darker in color.
- Add other elements (sky, trees, background, etc.)



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**MATERIALS:**

- Drawing Paper/Bristol Board (*larger size makes this assignment a easier but it can work on 8.5 x 11*)
- Pencils
- erasers
- ruler
- colored pencils

When completed, take a picture of your finished product and save it to your Office365 OneDrive and feel free to share it with your teacher.