

Grade Level: 6 - 7

Curriculum: Explorations, ADST

Title of Lesson: Graphic Communication: Two Point Perspective

Learning Goals/Objectives:

- Complex tasks require the acquisition of additional skills.

Materials Needed:

- Paper
- Pencil (not pen!)
- Eraser
- Ruler

Activity Instructions: (Step by Step)

- Perspective drawings are a great way to quickly share lots of information about an object or scene
 - There are more than one type of perspective drawing; one point, two point and three point
 - One point perspective has a single vanishing point. This means that everything drawn in this type of sketch is based round this one point.
 - Two point perspective uses a Horizon line and two vanishing points to help us give our shapes depth and the correct proportions
 - Watch the video below for an introduction to drawing in two point perspective. Follow along on a blank sheet of paper to draw your first box.
 - https://www.youtube.com/watch?v=M6MOIP_mLsc
 - Turn your paper over and position it so that it is in landscape orientation (wider than it is tall)
 - Draw a horizon line along the middle of the page, and add your vanishing points. Remember, these should be on the horizon line!
 - Draw 6 boxes of different sizes on your page. Three Boxes should be above the Horizon line, and 3 should be below it.
 - Start your first box by drawing in the top left or right corner of your page. Remember to press very lightly, since many of the lines you draw are guidelines and not the final shape!
 - What happens to the shape if you draw the box directly on top of a vanishing point?
 - What is the difference between a box that you draw above the horizon and one that you draw below?

Extensions (Optional):

- On a fresh sheet of paper, draw two boxes: one box above and one below the horizon line. On your top box, try to connect another, smaller box to its bottom using the vanishing points as your guides. On the bottom box, try adding another box to its top surface.