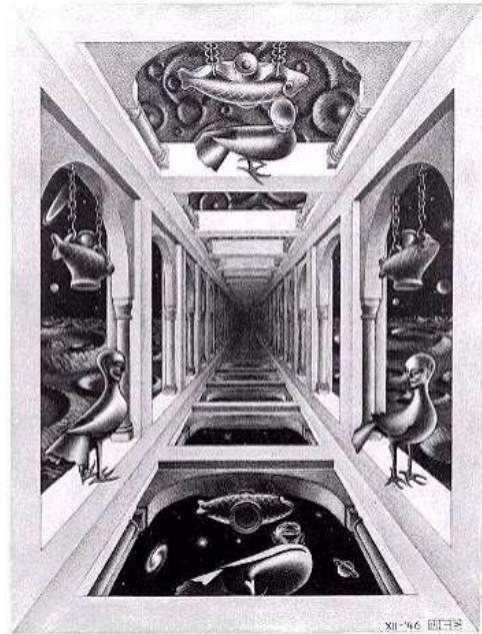
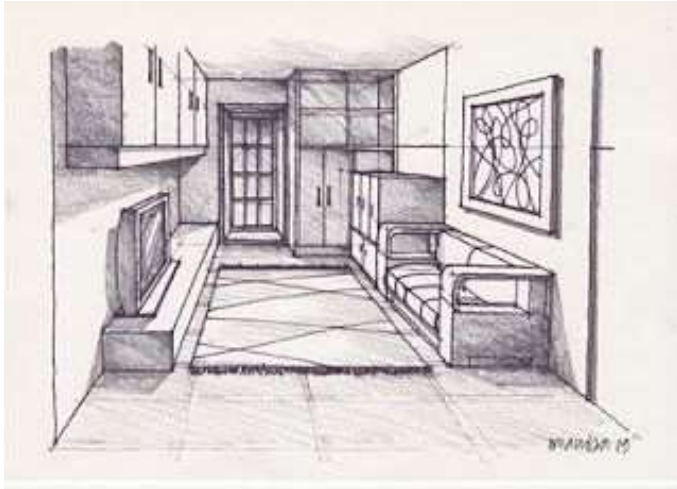


ILLUSION of SPACE
A math integrated art unit
For grade 4



The foundation for the unit “Illusion of Space” is the concept of one-point perspective as an introduction to creating the illusion of depth in a two-dimensional illustration. It integrates math (geometry) with art and coincides with the geometry that 4th and 5th graders are learning according to the core standards. It also paves the way to the concept of surrealism- a chance to break the rules effectively. My students are constantly harping on “...but how do I make it look REAL?”- In between the “real” and the “beyond real” we will explore the possibilities through artistic and mathematical means, and in the end, we will “bend the rules” by applying what has been learned.

Using colored pencils, paper, transparency, visualization, reflection, critique, and inquiry, students explore and then produce:

- One-point perspective interiors
- Objects and figures within a one-point perspective interior
- Visual evidence of other laws of perspective (shading, overlapping, surface/size, foreshortening, etc.)

- One-point perspective outdoor/landscape
- “Point of view” (worm’s eye, bird’s eye, and different levels above and below horizon line)

The unit closes with student demonstration of knowledge and skills via the production of a scene that both uses and stretches the laws of perspective within the same piece (surrealism), after they explore, through surrealistic art critique and comparison to realism, the idea that the “boundaries” can be stretched or broken effectively when the principles are understood.

Lesson 1 Within the Walls

Lesson 2 Depth within Depth

Lesson 3 Outside the Boundaries

