



## PEF Summer, *At Home Edition* – Lesson Plan

Class: Visual Arts: Drawing	Grade Band: 9-12
Teacher: Atilio Pernisco	Lesson: Shading and hatching Techniques
Objectives: Learn How to shade using hatching and cross-hatching techniques to make your drawings look more realistic.	Materials: Regular graphite pencil and paper.

Process:

- 1- Make two long horizontal rectangles and divide them by 5 spaces each.
- 2- Name one group: Hatching. Make a gradation scale of grays using lines going in one direction only by spacing them to have the lighter grays and by getting the lines closer to each other for the darker grays.
- 3- Name the second group: Cross-Hatching. In the same order from light to dark you can use the lines crossing each other in order to get darker.
- 4- Practice by shading a cube, sphere, cone and Cylinder. Pay attention to what shading technique would you use for the rounder parts or angular surfaces. What type of hatching lines would you use for shading areas to best represent each object?
- 4- Make new objects by adding the geometric 3D shapes: cube, sphere, cone and cylinder. Create a toy, a bottle or a rocket and shade them using these techniques.

Have fun!

Vocabulary:  
**Hatching** is used to create tonal or shading effects by drawing closely spaced parallel lines.  
**Cross hatching** is a method of drawing in which you overlay two perpendicular sets of parallel lines to form a textural, dimensional crisscross pattern.

