

Art and Math Lesson

OBJECTIVE/DIRECTIONS: Printing a geometric pattern

Art Style: Non Objective

The art does not depict any identifiable objects and the emphasis is the use of Element & Principles of Art. That means no butterflies, flowers or people

Good print



Not a good print

- View the video on **Printing**
- Cut the edges off of the Styrofoam plate
- On scratch sheet of paper (same size as the Styrofoam plate), **lay out a intricate pattern of geometric shapes to use as a resource**
- Using a pencil with a dull point, press down creating a groove as you draw, the design on the Styrofoam plate (Lines will be white after printing)
- Color each shape using markers, apply colors at least twice for the first print
- Cover the surface of the white paper with a moist sponge
- Place the moist paper on top of the plate, and rub with your thumb in a circular motion (degrees of wetness of effect the image)
- Pull the paper off the plate for your first print.
- Make a second print by coloring the plate, using the same colors in the same shapes, place moist paper on top of the plate, rub and pull.
- Repeat this project to **make three prints**. Select the best print take a photograph for your project.
- Characteristics of the best print: the color in all shapes are solid hiding the white background
- When the design is completed:
Copy and paste from the Internet, one **MATH STANDARD** for lesson

Insert Standard:

ELEMENTS OF ART

LINE

SHAPE

Geometric

Free Form/Organic

FORM

COLOR

Primary/Secondary

Warm/Cool-Opposite

TEXTURE

SPACE 2-D, 3-D

VALUE

PRINCIPLES OF ART

PATTERN

ENPHASIS

VARIETY

UNITY

BALANCE

Symmetrical

Asymmetrical

Radial

RHYTHM & MOVEMENT

PROPORTION

Materials:

White drawing paper

Pencil, eraser

Styrofoam

plates,

markers

Sponge, water