

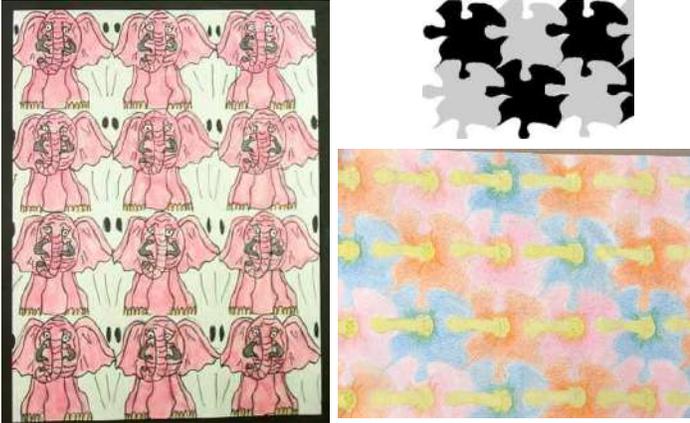


LESSON PLAN

HS







Art Standard:

Objective:

Criteria:

- Original design/shape
- Shapes connect
- Shapes are inverted
- 3 to 5 colors

History and Motivation:

Tessellations are patterns which join together to cover a surface, leaving no empty spaces on that surface. An arrangement or close fitting together of minute parts or distinct colors.

This form of art is widely known due to the works of M.C. Escher, and is often used in math classes as a way of demonstrating congruency within patterns.

Step1:

Use a sample template, sketch or reference image.
Cut out the image, copy it to a piece of construction paper, and cut out the new shape

Step2:

Trace the template on the paper, with the template edge flush with the edge of the paper.
Slide the template along the edge of the paper, trace it again, touching the previous shape.
Slide the template along the edge of the paper trace it again

Step 3:

Invert the template vertically, trace repeatedly in the same way.
Invert the template again and repeat until the whole paper is covered.

Materials:

- For each student, a piece of paper 12"x18" white paper
- For each student, a template made of construction paper. A variety of templates will make the activity more interesting.
- Crayons or colored pencils.