

ARTS BRIDGE

Sample Project

Visual Art

Relating Art to Science and Geometric Shapes

Grade Level: 2

VAPA Standards Met for Art:

Standard 1: Artistic Perception

1.1, 1.2, 1.3

Standard 2: Creative Expression

2.1, 2.2, 2.3, 2.4

Standard 3: Historical and Cultural Context

3.2, 3.3

Standard 4: Aesthetic Valuing

4.4

Standard 5: Connections, Relationships, Applications

5.3

Other Standards Met:

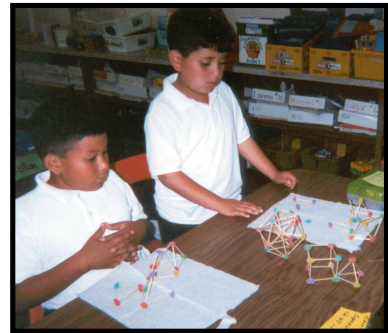
Sciences: 3d, 4c

Measurement and Geometry: 1.3

Reading: 2.7, 2.8,

Writing: 1.2, 2.1

Listening and Speaking: 1.4



Children creating artistic geometric shapes

Project Description:

This project introduces second grade students to several different types of studio art forms that are directly related to their science curricula: sculpture/three dimensional shapes; collage/seasonal changes; photography/light vs. dark; color combinations/historical and cultural traditions; monochromatic artwork/measuring with a rule; clay imprinting/fossil study.

In addition, the children are taught new vocabulary terms such as abstract, asymmetry, primary, secondary, line, shape, structure, contrast, design, space, mosaic, watercolors, curvature and background.

Project Outcomes:

Several visual art exercises are used to assist the classroom teacher with the science study curricula. By using inventive artistic techniques, such as creating toothpick and gumdrop geometric shapes, the children are challenged to identify the similarities between art and science. The children are also challenged to create artwork that incorporated vocabulary and sentence structure learning that ultimately meets several of the Language Art State Standards. For example, the children write and decorate their own greeting cards and illustrated personal journals.