

SCULPTURE CONCEPTS #547

CREDITS: 5 GRADE: 10-12 PREREQUISITE: None

This course will introduce the principles and elements of design in three-dimensional forms. Additive, subtractive, and manipulative techniques will be used with a variety of media to explore sculptural form. Three-dimensional forms will be produced from clay, paper, plaster, paper-Mache, and /or various other materials.

GOAL: Students will use appropriate materials and techniques to convey ideas and concepts in their artwork.

STRAND: Visual Arts

STANDARD 1: Media, Materials ,and Techniques

Students will demonstrate knowledge of the media, materials and techniques unique to our course offerings.

OBJECTIVES: The students will be able to:

1. Use plastic and ridged mediums for objective and non objective expression.
2. Demonstrate control on surface texture to create light shadow.
3. Effectively interpret 2 dimensional ideas in three dimensions.
4. Express ideas in both the additive and subtractive of sculpture.
5. Solve problems in bas-relief and sculpture in the round.

BENCHMARKS: By the end of the course the students should be able to demonstrate an ability to create 3-D art with various mediums, utilizing texture in both additive and subtractive methods.

GOAL: Students will exhibit proficiency using the elements and principles of design.

STRAND: Visual Arts

STANDARD 2: ELEMENTS AND PRINCIPLES OF DESIGN

Students will demonstrate knowledge and principles of design.

OBJECTIVES: Students will be able to:

1. Use line, color, texture, shape, form, positive and negative space in 3-D work and identify the use of these elements in a representational and non objective artistic composition.
2. Construct a sculpture which exhibits spatial relationships between its parts.
3. Explore texture in the surface of finished works.

BENCHMARKS: By the end of this course the students should be able to demonstrate and create sculptures with various mediums employing positive and negative space, which have a sense of visual unity, and uses texture to enhance the surface.

GOAL: Students will demonstrate their powers of observation, abstraction, invention, and expression in a variety of media, materials, and techniques.

STRAND: Visual Arts

STANDARD 3: OBSERVATION, ABSTRACTION, INVENTION, AND EXPRESSION

Students will demonstrate their powers of observation, abstraction, fantasy, and expression in a variety of media, materials, and techniques.

OBJECTIVES: The students will be able to:

1. Create representational 3-D art work from direct observation and from memory.
2. Create non-representational 3-D art work from their own imagination.
3. Create a 3-D image which conveys a distinct point of view, and communicates ideas.

BENCHMARKS: At the conclusion of this course students should be able to produce expressive art work that reflects use of the imagination, shows the ability to abstract, and demonstrate observational skills in a 3-D medium.

GOAL: To have students critique self and others, in the process of drafting, and revising artwork in order produce work suitable for exhibition.

STRAND: Visual Art

STANDARD 4: Drafting, Revising, and Exhibiting

Students will demonstrate knowledge of the process of creating their own artwork: drafts, critique, self-assessment, refinement, and exhibition.

OBJECTIVES: Students will be able to:

1. Develop a portfolio representing two terms of work, including all preliminary studies as well as the final end product.
2. Conduct a self-evaluation of his or her portfolio.
3. Use correct artistic vocabulary in the evaluation of the work of peers.
4. Choose and prepare artwork for exhibition, and be able to discuss their choices.

BENCHMARKS: At the conclusion of this course students should understand the importance of preliminary work, be able to critique self and others, choose appropriate work for exhibition and defend their choices.

GOAL: To critique their own work and that of others orally and in writing using proper artistic vocabulary.

STRAND: Visual Art

STANDARD 5: Critical Response

Students will describe and analyze their own work and the work of others, using appropriate visual arts vocabulary; and interpret the meanings of works, citing structural elements and expressive qualities to justify their interpretations.

OBJECTIVES: The students will be able to:

1. Use textbooks or the internet to research a work of art or artist, and present their findings in written or oral form.
2. Critique their own work, the work of others.

BENCHMARKS: At the conclusion of this course students should be able to analyze and assess their own work and the works of others in the areas of content, structure,

meaning, and expression, and justify their reasoning both orally and in writing.

TARGET ASSESSMENT:

- A. Portfolio
 - B. Observation
 - C. Critiques
 - D. Tests.
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POTENTIAL UNIT THEMES COVERED

BASIC TEXT: N/A

- I. Paper Sculpture
 - A. Surface treatment
 - 1. folding
 - 2. scoring
 - 3. relief cuts
 - B. Bas-relief
 - 1. light and shadow
 - C. 3-D form
 - 1. organic shape
 - 2. geometric shape
- II. Toothpick Structures
 - A. Foundation (initial unit)
 - 1. the triangle
 - 2. the square
 - 3. polygons
 - B. Construction
 - 1. geodesic domes
 - 2. spiral
 - 3. free-form
- III. Modeling Non-hardening Clay
 - A. Representational & Non Representational

1. functional
2. aesthetic

B. Design

1. viewpoints
2. varieties of form
3. spatial movements
4. positive & negative areas
5. contrast of textures

C. The armature

IV. Carving Solid Forms in Plaster and Stone
(subtractive method)

A. Non- representational

1. Single or group forms
2. Abstract concepts
3. Emotional feelings
4. Planned subject
 - a. point of departure
 - b. imagination
 - c. memory
5. Surface finish

B. Representational subject

1. Dimensioning
2. Rough-in
3. Realism
4. Stylize
5. Texture

C. Surface finish

- a. traditional
- b. patina

V. Additive Method Using Plaster

A. The armature

B. Large hollow forms

C. Paris-craft

1. surface strength
2. alternating layers

D. Modeling surface

1. texture
2. light & dark

VI. Experimenting With Open and Closed Form

A. Using balsa wood, create volumes

1. plane and linear movements
2. positive and negative areas

B. Movements

1. line
2. forms
3. colors
4. textures

SUGGESTED AREAS OF INTEGRATION:

1. During the time period the Latin classes are exploring Roman sculpture and architecture, carve a plaster bas-relief similar to those found in the pediment and frieze section of these structures.
2. Combine sculpture and baking classes in the construction of a ginger bread house and Santa sleigh.
3. Build plasticine busts of mythological figures during the time English class studies this literature.
4. The pentagon and hexagon are studied in both math and natural science. A unit culminating with a 3-D toothpick sculpture would integrate the three disciplines.

ASSESSMENT:

1. Based on application of concept, technique.
2. Group critique and student self-critique