

SCULPTURE & CLAYWORK

Overview - Sculpture and Claywork is an advanced visual arts class that focuses on introducing students to various three dimensional design methods and materials. Students are required to have completed design and be conversant with the principles and elements that artists and designers use. They are not expected to have any particular skill or experience in three dimensional design or production; only a desire to gain proficiency with some of these processes and a willingness to understand the tools, techniques, and career opportunities associated with the production of art in three dimensions.

About half the class time students will work in the studio will include the traditional methods of construction, forming, and carving with media such as paper, board, stone, metal, and plaster. The remainder of the marking period will focus on using clay as a medium both in traditional sculpture and in the decorative arts. Students will gain proficiency and understanding in construction, firing, and glazing of ceramics.

Students will practice using language to evaluate and describe their own work. In addition they will analyze, orally and in writing, the work of artists to better understand the creative process.

Rationale - Sculpture in its many manifestations is at the core of the artistic traditions that come to us throughout history: the most ancient art objects used to define “civilized man” are sculptures of human and animal forms. It is therefore critical to extend the visual thinking process students started in Design class to *Form*. Though sculpture is primarily thought of as an artistic medium, 3D design is fundamental in many careers including architecture, landscaping, city planning, packaging, industrial design, construction, furniture design, and manufacturing. Through research and production students will better understand the influences that three dimensional design and production exerts in our lives.

Grades: 9-12 **Duration:** 1 Trimester - 1 Credit **Prerequisites:** Successful Completion of Design

Topics of Study:

Designing and Constructing 3D Objects	4 weeks
Designing and Arranging Objects in Space	2 weeks
Designing and Constructing Ceramics	5 weeks
Analysis of Other Sculptor's Work	1 week

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Course Title: Sculpture & Claywork

Topic of Study: Designing and Constructing 3D Objects

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Grade Level: 9-12

Time: About 4 weeks (non-contiguous)

Standards & Benchmarks	Essential Questions and Learning Targets	Key Vocabulary and Concepts	Activities and Projects Evidence of Understanding	Resources
<p>ART.VA.I.HS.1 Apply acquired knowledge and skills to the creative problem solving process.</p> <p>ART.VA.I.HS.2 Intentionally use art materials and tools when applying techniques & skills to communicate ideas.</p> <p>ART.VA.I.HS.3 Demonstrate understanding of organizational principles and methods to solve specific visual arts problems.</p> <p>ART.VA.I.HS.4 Exhibit, present, and publish quality works of art.</p> <p>ART.VA.I.HS.5 Responsibly and safely manage materials and tools.</p> <p>ART.VA.II.HS.1 Identify, define problems, and reflect upon possible visual solutions.</p> <p>ART.VA.II.HS.2 Create artwork using materials and techniques with skill so that personal intentions are carried out.</p> <p>ART.VA.II.HS.3 Apply organizational principles and methods to create innovative works of art and design products.</p> <p>ART.VA.II.HS.4 Apply knowledge/skill to symbolize the essence of an idea.</p> <p>ART.VA.II.HS.5 Reflect, articulate, and edit the development of artwork throughout the creative process.</p> <p>ART.VA.III.HS.1 Analyze and describe the formal characteristics of a work of art or design.</p> <p>ART.VA.III.HS.2 Describe how organizational principles are used to elicit emotional responses.</p> <p>ART.VA.III.HS.3 Critically observe a work of art to evaluate and respond to the artist's intent using art vocabulary and terminology.</p> <p>ART.VA.III.HS.4 Evaluate the quality and effectiveness of one's artwork.</p> <p>ART.VA.III.HS.5 Recognize and understand the relationships between personal experiences and the development of artwork.</p> <p>ART.VA.V.HS.2 Explore and understand the variety of art and design careers.</p> <p>ART.VA.V.HS.6 Understand artistic knowledge as an important tool for successful living in the 21st century.</p> <p>ART.VA.V.HS.7 Analyze the impact of visual culture on society.</p> <p>ART.VA.V.HS.8 Identify the role visual arts play in enhancing civic responsibility and community.</p>	<p>What is Sculpture and how is it different from other visual art forms?</p> <p>How is sculpture used by individuals and groups for artistic, social, civic, or political expression?</p> <p>What careers and industries use three dimensional design skills?</p> <p>Students will be able to effectively construct, carve, or form sculptures out of a variety of materials.</p> <p>Students will be able to effectively mount or display their work.</p> <p>Students will be able to analyze, explain, and evaluate their work orally and in writing.</p>	<p>Sculpture</p> <p>Space</p> <p>Form</p> <p>Texture</p> <p>Negative Space</p> <p>Organic Forms</p> <p>Geometric forms</p> <p>Objective</p> <p>Non-Objective</p>	<p>Students will demonstrate proficiency by producing effective finished sculptures for display.</p> <p>Students will be able to effectively evaluate and explain their work to others.</p> <p>Students will demonstrate quality craftsmanship in their work.</p> <p>Students will study the work of famous artists and produce work inspired by their styles.</p> <p>Students will be able to identify and describe career paths that employ three dimensional design skills.</p>	<p>mat board</p> <p>foam core board</p> <p>wood</p> <p>paint</p> <p>sandpaper</p> <p>glue</p> <p>foil</p> <p>wire</p> <p>plaster</p> <p>soapstone</p> <p>alabaster</p> <p>hammers</p> <p>saws</p> <p>drills & bits</p> <p>x-acto knives</p> <p>straight pins</p> <p>string/thread</p> <p>rifflers & files</p> <p>carnauba wax</p> <p>visual resources</p>

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<p>ART.VA.I.HS.1 Apply acquired knowledge and skills to the creative problem solving process.</p> <p>ART.VA.I.HS.2 Intentionally use art materials and tools when applying techniques & skills to communicate ideas.</p> <p>ART.VA.I.HS.3 Demonstrate understanding of organizational principles and methods to solve specific visual arts problems.</p> <p>ART.VA.I.HS.4 Exhibit, present, and publish quality works of art.</p> <p>ART.VA.I.HS.5 Responsibly and safely manage materials and tools.</p> <p>ART.VA.II.HS.1 Identify, define problems, and reflect upon possible visual solutions.</p> <p>ART.VA.II.HS.2 Create artwork using materials and techniques with skill so that personal intentions are carried out.</p> <p>ART.VA.II.HS.3 Apply organizational principles and methods to create innovative works of art and design products.</p> <p>ART.VA.II.HS.4 Apply knowledge and skill to symbolize the essence of an idea.</p> <p>ART.VA.II.HS.5 Reflect, articulate, and edit the development of artwork throughout the creative process.</p> <p>ART.VA.III.HS.1 Analyze and describe the formal characteristics of a work of art or design.</p> <p>ART.VA.III.HS.2 Describe how organizational principles are used to elicit emotional responses.</p> <p>ART.VA.III.HS.3 Critically observe a work of art to evaluate and respond to the artist's intent using art vocabulary and terminology.</p> <p>ART.VA.III.HS.4 Evaluate the quality/ effectiveness of one's artwork.</p> <p>ART.VA.III.HS.5 Recognize and understand the relationships between personal experiences and the development of artwork.</p> <p>ART.VA.V.HS.2 Explore the variety of art and design careers.</p> <p>ART.VA.V.HS.6 Understand artistic knowledge as an important tool for successful living in the 21st century.</p> <p>ART.VA.V.HS.7 Analyze the impact of visual culture on society.</p> <p>ART.VA.V.HS.8 Identify the role visual arts play in enhancing civic responsibility and community.</p>	<p>Students will be able to effectively design and arrange sculptural elements out of a variety of materials.</p> <p>Students will be able to suggest a variety of sculptural solutions with multiple elements and arrange these elements within a defined space.</p> <p>Students will be able to effectively mount or display their work.</p> <p>Students will be able to analyze, explain, and evaluate their work orally and in writing.</p>	<p>Space</p> <p>Balance</p> <p>Proportion</p> <p>Movement</p> <p>Rhythm</p> <p>Negative Space</p> <p>Objective</p> <p>Non-Objective</p> <p>Tension</p>	<p>Students will demonstrate proficiency by producing effective finished sculptures for display.</p> <p>Students will be able to effectively evaluate and explain their work to others.</p> <p>Students will demonstrate quality craftsmanship in their work.</p>	<p>mat board</p> <p>foam core board</p> <p>wood</p> <p>paint</p> <p>sandpaper</p> <p>glue</p> <p>foil</p> <p>wire</p> <p>plaster</p> <p>hammers</p> <p>x-acto knives</p> <p>straight pins</p> <p>string/thread</p> <p>visual resources</p>

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<p>ART.VA.I.HS.1 Apply acquired knowledge and skills to the creative problem solving process.</p> <p>ART.VA.I.HS.2 Intentionally use art materials and tools when applying techniques & skills to communicate ideas.</p> <p>ART.VA.I.HS.3 Demonstrate understanding of organizational principles and methods to solve specific visual arts problems.</p> <p>ART.VA.I.HS.5 Responsibly and safely manage materials and tools.</p> <p>ART.VA.II.HS.1 Identify, define problems, and reflect upon possible visual solutions.</p> <p>ART.VA.II.HS.2 Create artwork using materials and techniques with skill so that personal intentions are carried out.</p> <p>ART.VA.II.HS.3 Apply organizational principles and methods to create innovative works of art and design products.</p> <p>ART.VA.II.HS.4 Apply knowledge and skill to symbolize the essence of an idea.</p> <p>ART.VA.II.HS.5 Reflect, articulate, and edit the development of artwork throughout the creative process.</p> <p>ART.VA.III.HS.1 Analyze and describe the formal characteristics of a work of art or design.</p> <p>ART.VA.III.HS.2 Describe how organizational principles are used to elicit emotional responses.</p> <p>ART.VA.III.HS.3 Critically observe a work of art to evaluate and respond to the artist's intent using art vocabulary and terminology.</p> <p>ART.VA.III.HS.4 Evaluate the quality/ effectiveness of one's work.</p> <p>ART.VA.III.HS.5 Recognize and understand the relationships between personal experiences and the development of artwork.</p> <p>ART.VA.IV.HS.1 Observe and describe one's artwork with respect to history and culture.</p> <p>ART.VA.IV.HS.2 Describe the functions and explore the meaning of specific art objects within varied cultures, times, and places.</p> <p>ART.VA.V.HS.1 Design creative solutions that impact daily life.</p> <p>ART.VA.V.HS.2 Explore the variety of art and design careers.</p>	<p>When and How did mankind discover clay and how to use it?</p> <p>What quality of clay made it useful to ancient humans?</p> <p>What were the first uses for clay?</p> <p>What are some 21st Century career applications in ceramic technology?</p> <p>Students will be able to demonstrate understanding of the basic chemical and physical properties of Kaolin (clay) and and glaze in some of their various manifestations.</p> <p>Students will be able to manipulate clay to construct, mold, and form pieces with a variety of techniques.</p> <p>Students will be able to effectively design, construct, finish, glaze, and display ceramic pieces.</p> <p>Students will effectively design and construct pieces that may be useful and pieces that are solely artistic.</p> <p>Students will effectively design and sculpt a realistic human head.</p>	<p>Clay</p> <p>Kaolin</p> <p>Ball Clay</p> <p>Earthenware</p> <p>Stoneware</p> <p>Porcelain</p> <p>Vitreous</p> <p>Plastic</p> <p>Brittle</p> <p>Leatherhard</p> <p>Bisque</p> <p>Greenware</p> <p>Grog</p> <p>Stain</p> <p>Glaze</p> <p>Kiln</p> <p>Cone</p> <p>Fire</p> <p>Ribbon tool</p> <p>Pug Mill</p> <p>Wedge</p> <p>Mold</p> <p>Slip</p> <p>Pinch</p> <p>Coil</p> <p>Slab Built</p> <p>Throwing</p> <p>Armature</p> <p>Addition</p> <p>Subtraction</p> <p>Negative Space</p>	<p>Students will produce and finish projects that demonstrate clay techniques used by ancient peoples</p> <p>Students will demonstrate the ability to produce and finish quality ceramic pieces using a variety of methods including slab building, hand molding/carving, and wheel throwing.</p> <p>Students will demonstrate proficiency in decorating pieces with textures, stains and glazes.</p> <p>Students will reflect on and evaluate their work orally and in writing in regards to its artistry and craftsmanship.</p>	<p>moist clay</p> <p>glazes & stains</p> <p>kiln</p> <p>pug mill</p> <p>potter's wheels</p> <p>throwing bats</p> <p>throwing tools</p> <p>damp box</p> <p>shelving</p> <p>natural</p> <p>sponges</p> <p>water</p> <p>containers</p> <p>working</p> <p>boards</p> <p>slab work tools</p> <p>glaze brushes</p>

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Course Title: Sculpture and Claywork

Topic of Study: Artists and What They Do

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Time: About 1 week (non-contiguous)

Grade Level: 9-12

Standards & Benchmarks	Essential Questions and Learning Targets	Key Vocabulary and concepts	Activities and Projects Evidence of Understanding	Resources
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<p>ART.VA.III.HS.1 Analyze and describe the formal characteristics of a work of art or design.</p> <p>ART.VA.III.HS.2 Describe how organizational principles are used to elicit emotional responses.</p> <p>ART.VA.III.HS.3 Critically observe a work of art to evaluate and respond to the artist's intent using art vocabulary and terminology.</p> <p>ART.VA.III.HS.4 Evaluate the quality and effectiveness of one's artwork.</p> <p>ART.VA.III.HS.5 Recognize and understand the relationships between personal experiences and the development of artwork.</p> <p>ART.VA.IV.HS.1 Observe and describe artwork with respect to history and culture</p> <p>ART.VA.IV.HS.2 Describe the functions and explore the meaning of specific art objects within varied cultures, times, and places.</p> <p>ART.VA.IV.HS.3 Analyze the correlation between art, history, and culture throughout time.</p> <p>ART.VA.V.HS.1 Design creative solutions that impact everyday life.</p> <p>ART.VA.V.HS.2 Explore and understand the variety of art and design careers.</p> <p>ART.VA.V.HS.3 Explore and understand the application of the creative process throughout career pathways.</p> <p>ART.VA.V.HS.4 Identify commonalities, differences, and connections between the art disciplines.</p> <p>ART.VA.V.HS.5 Recognize the role of art across the academic curriculum.</p> <p>ART.VA.V.HS.7 Analyze the impact of visual culture on society.</p>	<p>What is the Job of an artist or designer?</p> <p>How does the work of artists or designers change over time?</p> <p>How is the work of artists or designers influenced by their culture?</p> <p>How does the body of work produced by an artist change over time?</p> <p>What represents the best work of an artist?</p> <p>How do artists communicate their idea?</p>	<p>Sculpture</p> <p>Media</p> <p>Gothic</p> <p>Renaissance</p> <p>Mannerism</p> <p>Baroque</p> <p>Impressionism</p> <p>Post-Impressionism</p> <p>Cubism</p> <p>Modern</p> <p>Post Modern</p> <p>Abstract</p> <p>Figurative</p> <p>Realistic</p> <p>Ceramics</p> <p>Steel</p> <p>Wood</p> <p>Wire</p> <p>Mobile</p> <p>Stabile</p> <p>Mass</p> <p>Implied Mass</p> <p>Negative Space</p> <p>Landscaping</p> <p>Architecture</p> <p>Furniture design</p> <p>Interior design</p>	<p>Students will be assessed on their ability to create a coherent and well written narrative about the life's work of a notable artist and to share that narrative orally with other students.</p> <p>Students will be assessed on how well they can identify the intention and stylistic qualities of an artists and potentially apply those qualities to a project of their own.</p> <p>Orally or in writing students will be able to demonstrate an understanding of the role of artists and designers in a society.</p> <p>Orally or in writing students will be able to identify a broad variety of career opportunities associated with and involving the 3D arts</p>	<p>books</p> <p>internet sources</p> <p>museums</p> <p>printed Materials</p>
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