

Course Description:

Students communicate a sense of 4-D, motion, and/or time, based on creative use of spatial relationships and innovative treatment of space and its components. Instruction may include, but is not limited to, content in green or industrial design, sculpture, ceramics, or building arts. Students address 4-D, the inter-relatedness of art and context, and may also include installation or collaborative works, virtual realities, light as a medium (i.e., natural, artificial, or reflective), or flexible, entered, or activated space. Other concepts for exploration include tension, compression or expansion, intrusions or extrusions, grouping, proximity, containment, closure, contradiction, and continuity. 3-D artists experiment with processes, techniques, and media, which may include, but are not limited to, creating maquettes, casting and kiln-firing techniques, stone carving, mold making, or working with glass, cement, PVC piping, or structures scaled to human existence. Craftsmanship and quality are reflected in the surface and structural qualities of the completed art forms. Students in the 3-D art studio focus on use of safety procedures for process, media, and techniques. Student artists use an art criticism process to evaluate, explain, and measure artistic growth in personal or group works. This course incorporates hands-on activities and consumption of art materials.

BIG IDEA: Critical Thinking and Reflection

Suggested Units	1	2	3	4
VA.912.C.1.1: Integrate curiosity, range of interests, attentiveness, complexity, and artistic intention in the art-making process to demonstrate self-expression.				
VA.912.C.1.2: Use critical-thinking skills for various contexts to develop, refine, and reflect on an artistic theme.				
VA.912.C.1.7: Analyze challenges and identify solutions for three-dimensional structural problems.				
VA.912.C.2.3: Process and apply constructive criticism as formative assessment for continued growth in art-making skills.				
VA.912.C.2.4: Classify artworks, using accurate art vocabulary and knowledge of art history to identify and categorize movements, styles, techniques, and materials.				
VA.912.C.2.8: Compare artwork, architecture, designs, and/or models to understand how technical and utilitarian components impact aesthetic qualities.				
VA.912.C.3.3: Examine relationships among social, historical, literary, and/or other references to explain how they are assimilated into artworks.				

BIG IDEA: Skills, Techniques, and Processes

VA.912.5.1.1: Use innovative means and perceptual understanding to communicate through varied content, media, and art techniques.				
VA.912.5.2.4: Use information resources to develop concepts representing diversity and effectiveness for using selected media and techniques in a sketchbook or journal.				
VA.912.5.3.2: Demonstrate a balance between spontaneity and purpose to produce complex works of art with conviction and disciplined craftsmanship.				
VA.912.5.3.3: Review, discuss, and demonstrate the proper applications and safety procedures for hazardous chemicals and equipment during the art-making process.				
VA.912.5.3.4: Demonstrate personal responsibility, ethics, and integrity, including respect for intellectual property, when accessing information and creating works of art.				
VA.912.5.3.8: Develop color-mixing skills and techniques through application of the principles of heat properties and color and light theory.				

VA.912.5.3.11 : Store and maintain equipment, materials, and artworks properly in the art studio to prevent damage and/or cross-contamination.				
VA.912.5.3.12 : Develop competence and dexterity, through practice, in the use of processes, tools, and techniques for various media.				
BIG IDEA: Organizational Structure				
VA.912.O.1.3 : Research and use the techniques and processes of various artists to create personal works.				
VA.912.O.1.4 : Compare and analyze traditional and digital media to learn how technology has altered opportunities for innovative responses and results.				
VA.912.O.1.5 : Investigate the use of space, scale, and environmental features of a structure to create three-dimensional form or the illusion of depth and form.				
VA.912.O.2.2 : Solve aesthetic problems, through convergent and divergent thinking, to gain new perspectives.				
VA.912.O.3.2 : Create a series of artworks to inform viewers about personal opinions and/or current issues.				
BIG IDEA: Historical and Global Connections				
VA.912.H.1.1 : Analyze the impact of social, ecological, economic, religious, and/or political issues on the function or meaning of the artwork.				
VA.912.H.1.9 : Describe the significance of major artists, architects, or masterworks to understand their historical influences.				
VA.912.H.2.3 : Analyze historical or cultural references in commemorative works of art to identify the significance of the event or person portrayed.				
VA.912.H.3.3 : Use materials, ideas, and/or equipment related to other content areas to generate ideas and processes for the creation of works of art.				
BIG IDEA: Innovation, Technology, and the Future				
VA.912.F.1.3 : Demonstrate flexibility and adaptability throughout the innovation process to focus and re-focus on an idea, deliberately delaying closure to promote creative risk-taking.				
VA.912.F.2.3 : Analyze the potential economic impact of arts entities to revitalize a community or region.				
VA.912.F.2.6 : Research and discuss the potential of the visual arts to improve aesthetic living.				
VA.912.F.2.7 : Evaluate the effects of creating works of art for sale or donation to support local organizations for social or economic causes.				
VA.912.F.2.8 : Describe community resources to preserve, restore, exhibit, and view works of art.				
VA.912.F.3.6 : Identify ethical ways to use appropriation in personal works of art.				
VA.912.F.3.11 : Demonstrate proficiency in creating individual and sequential images, animation, or media in motion with sound to solve visual problems.				
Additional Content Area Benchmarks (required):				
MA.K12.MTR.1.1 : Actively participate in effortful learning both individually and collectively.				
MA.K12.MTR.2.1 : Demonstrate understanding by representing problems in multiple ways.				
MA.K12.MTR.3.1 : Complete tasks with mathematical fluency.				

MA.K12.MTR.4.1: Engage in discussions that reflect on the mathematical thinking of self and others.				
MA.K12.MTR.5.1: Use patterns and structure to help understand and connect mathematical concepts.				
MA.K12.MTR.6.1: Assess the reasonableness of solutions.				
MA.K12.MTR.7.1: Apply mathematics to real-world contexts.				
ELA.K12.EE.1.1: Cite evidence to explain and justify reasoning.				
ELA.K12.EE.2.1: Read and comprehend grade-level complex texts proficiently.				
ELA.K12.EE.3.1: Make inferences to support comprehension.				
ELA.K12.EE.4.1: Use appropriate collaborative techniques and active listening skills when engaging in discussions in a variety of situations.				
ELA.K12.EE.5.1: Use the accepted rules governing a specific format to create quality work.				
ELA.K12.EE.6.1: Use appropriate voice and tone when speaking or writing.				
ELD.K12.ELL.SI.1: English language learners communicate for social and instructional purposes within the school setting.				