



Hamburg Area School District

Course Guide

Name:	Advanced Ceramics and 3D Design
Grade(s):	10-12
Length:	<i>Place an X next to the correct option</i>
X	Full-Year (180 Sessions)
	Semester (90 Sessions)
	Quarter (45 Sessions)
	Other (Specify):
Text:	Digital camera, tripods, scanner, art books, Adobe Suite, Internet sites, art museums, art galleries, art magazines, studio equipment
Date Approved or Updated:	2020-2021

Description: In this course, students are encouraged to explore personal creativity with 3D materials in depth. Materials may include clay, glass, metal, or mixed media. Emphasis is placed on using a variety of materials and techniques to design and construct 3D objects. (Satisfies the fine arts requirements).

**Hamburg Area School District
Course Plan
High School Art**

Course Name: Advanced Ceramics and 3D Design
Unit: The Work Area

Time Line: Year-long, self-paced

Essential Content/ Essential Questions	Performance Objectives	Standards/Anchors
The Work Area	<ul style="list-style-type: none"> Identify specific task areas of the art room and their functions for safe work environment Identify equipment in the art room and their proper functions (i.e. projector, camera, scanner, computer, printer options, light box, paper cutters, trimmers, mat cutter, kilns, pottery wheels, glass equipment) Establish proper use and storage of tools, supplies, and materials Establish daily class routines for set up and clean up 	9.1.12 H, J, K
General Course Objectives	<ul style="list-style-type: none"> Review formal, compositional, and structural problems of dealing with forms in space Develop problem solving skills in designing and making three-dimensional objects relative to sculpture, functional and organic objects, jewelry, or architecture Promote the use of original subject matter throughout the course and understand copyright laws (i.e. utilize studio equipment, software, and sketchbook) Emphasize art making as an ongoing process that involves the student in informed and critical decision making Develop technical skills and become familiar with visual elements Use a variety of building methods and techniques (i.e. traditional and contemporary) 	9.1 A, B, C, D, H, I, J, K 9.2 A, C, D 9.3A, B, C, E 9.4 A, B

General Course Objectives	<ul style="list-style-type: none"> • Encourage independent thinking and contribute to culture through art making • Analyze and compare works of art including written statements • Critique and interpret artwork • Promote awareness of visual traditions (i.e. cultural, historic, and stylistic) • Participate in art displays 	9.1 A, B, C, D, H, I, J, K 9.2 A, C, D 9.3A, B, C, E 9.4 A, B
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**Hamburg Area School District
Course Plan
High School Art**

Course Name: Advanced Ceramics and 3D Design

Unit: Clay

Time Line: Year-long, self-paced

Essential Content/ Essential Questions	Performance Objectives	Standards/Anchors
Hand building with Clay	<ul style="list-style-type: none"> • Observe examples of hand built pottery • Review processes involved in working with clay • Review and implement a variety or combination of traditional and contemporary hand building methods and techniques in the design and creation of artwork (i.e. pinch, coil, slab, mold) • Develop a personal voice and approach in the overall design and construction of three-dimensional objects relative to sculpture, functional and organic objects, jewelry, or architecture (i.e. develop a concentration on a structural design concern) • Critique self/others 	9.1 A, B, C, D, H, I, J, K 9.2 A, C, D 9.3A, B, C
Decorating	<ul style="list-style-type: none"> • Observe examples of decorating • Review and implement a variety of traditional and contemporary decorating materials, methods, and techniques (i.e. slip, stain, glaze, under glaze, paint) • Develop a personal style of decorating • Critique self/others 	9.1 A, B, C, D, H, I, J, K 9.2 A, C, D 9.3A, B, C

**Hamburg Area School District
Course Plan
High School Art**

Course Name: Advanced Ceramics and 3D Design
Unit: Glass/Mixed Media

Time Line: Year-long, self-paced

Essential Content/ Essential Questions	Performance Objectives	Standards/Anchors
Glass/mixed media	<ul style="list-style-type: none">• Observe examples of glass work/mixed media• Review the processes involved in working with glass/mixed media• Review and implement a variety or combination of methods and materials and techniques for working with glass/mixed media (i.e. cold/warm)• Develop a personal voice and approach in the overall design and construction of three-dimensional glass/mixed media objects relative to jewelry, mosaics, or other objects (i.e. develop a concentration on a specific design concern)• Critique self/others	9.1 A, B, C, D, H, I, J, K 9.2 A, C, D 9.3A, B, C