**Grade: 10-12**

**Course Title: Functional Pottery**

**Topic/Concept: Introduction to Pottery/Studio Habits**

**Time Allotment: 1 week**

**Unit Sequence: 1**

## Major Concepts to be learned:

- History of Ceramics
- Conventions and basics of clay
- How to care for the pottery studio for best practice and safety

## Expected Skills to be demonstrated:

- Understanding of the history of Ceramics
- Understanding of basic ceramics conventions
- Proper studio maintenance and clean up

## PA Standards/Anchors:

9.1.12 H
9.2.12 A, B, C, D, E, F, G, K, L
9.3.12 A, B, C, D

## Eligible Content:

- n/a

## Instructional Strategies:

- Problem solving activities
- Lecture
- Group discussion
- Performance task

## Assessments:

- Written evaluation

**Grade: 10-12** **Course Title: Functional Pottery** **Topic/Concept: Decorative Functional Mug**

**Time Allotment: 3 weeks** **Unit Sequence: 2**

## Major Concepts to be learned:

- 3D vs. 2D art, planning in 2D and creating in 3D
- Proper clay handbuilding techniques: slab, coil, pinch pot, additive/subtractive
- Proper attachment methods and conventions
- Balancing decorative and functionality
- Basic glazing techniques and conventions

## Expected Skills to be demonstrated:

- Construction of a 3D mug with decorative features
- Proper care and storage for clay project over the course of 3 weeks
- Proper useage of glazes
- Proper studio clean up

## PA Standards/Anchors:

9.1.12 A, B, C, E, J, K
9.3.12 B

## Eligible Content:

- n/a

## Instructional Strategies:

- Problem solving activities
- Lecture
- Group discussion
- Performance task
- Hands-on activity
- Differentiated instruction
- Small group and individual instruction

## Assessments:

- Planning of the project
- Fulfilling project requirements
- Time management
- Craftmanship and neatness
- Self-assessment and project reflection questions

**Grade: 10-12** **Course Title: Functional Pottery** **Topic/Concept: Pinch Pot Bowls**

**Time Allotment: 3 weeks** **Unit Sequence: 3**

## Major Concepts to be learned:

- Creating one cohesive design among multiple pieces
- Creating asthetic pinch pot bowls of various sizes
- Basic glazing techniques and conventions

## Expected Skills to be demonstrated:

- Construction of  multiple functional pinchpot bowls
- Design makes sense as one cohesive piece though separate bowls
- Proper care and storage for clay project over the course of 3 weeks
- Proper useage of glazes

## PA Standards/Anchors:

9.1.12 A, B, C, D, E, F, G, H, I, J, K
9.2.12 A, B, C, D, E, F, G, H, I, J, K, L
9.3.12 A, B, C, D, F, F, G
9.4.12 A, B, C, D

## Eligible Content:

- n/a

## Instructional Strategies:

- Problem solving activities
- Lecture
- Group discussion
- Performance task
- Hands-on activity
- Differentiated instruction
- Small group and individual instruction

## Assessments:

- Planning of the project
- Fulfilling project requirements
- Time management
- Craftmanship and neatness
- Self-assessment and project reflection questions

**Grade: 10-12**

**Course Title: Functional Pottery**

**Topic/Concept: Functional Coil Vessel/Bowl**

**Time Allotment: 3 weeks**

**Unit Sequence: 4**

## Major Concepts to be learned:

- Handbuilding using only coils attached to a slab base
- Proper conventions and techniques of coil work
- Glazing techniques to enhance the coil design

## Expected Skills to be demonstrated:

- Even construction and proper joining of coils
- Design concept is decorative yet still functional
- Proper care and storage for clay project over the course of 3 weeks
- Proper useage of glazes

## PA Standards/Anchors:

9.1.12 A, B, C, G, H, J
9.3.12 D

## Eligible Content:

n/a

## Instructional Strategies:

- Problem solving activities
- Lecture
- Group discussion
- Performance task
- Hands-on activity
- Differentiated instruction
- Small group and individual instruction

## Assessments:

- Planning of the project
- Fulfilling project requirements
- Time management
- Craftmanship and neatness
- Self-assessment and project reflection questions

**Grade: 10-12** **Course Title: Functional Pottery** **Topic/Concept: Sgraffito**

**Time Allotment: 3 weeks** **Unit Sequence: 5**

## Major Concepts to be learned:

- Using underglazes and carving a design into the clay
- Creating a design that can be etched properly into clay
- Proper timing for sgraffito carving

## Expected Skills to be demonstrated:

- Construction of  a clay piece that allows for sgraffito design
- Design that focuses on the element of line
- Proper care and storage for clay project over the course of 3 weeks in order to carve
- Proper useage of underglazes and proper depth for carving

| PA Standards/Anchors: | Eligible Content: |
|---|---|
| 9.1.12 A, B, C, F, G, H, I, J<br>9.2.12 A, B,<br>9.4.12 C | n/a |

| Instructional Strategies: | Assessments: |
|---|---|
| • Problem solving activities<br>• Lecture<br>• Group discussion<br>• Performance task<br>• Hands-on activity<br>• Differentiated instruction<br>• Small group and individual instruction | • Planning of the project<br>• Fulfilling project requirements<br>• Time management<br>• Craftmanship and neatness<br>• Self-assessment and project reflection questions |

**Grade: 10-12** **Course Title: Functional Pottery** **Topic/Concept: Independent Projects**

**Time Allotment: 3 weeks** **Unit Sequence: 6**

## Major Concepts to be learned:

- Designing an individual functional project
- Finding inspiration and ideas from multiple sources
- Applying previous knowledge to create a project

## Expected Skills to be demonstrated:

- Application of previous knowledge of handbuilding and glazing
- Creating a meaningful, complex project idea that exhibits previous knowledge
- Proper care and storage for clay project over the course of 3 weeks
- Proper studio clean up

| PA Standards/Anchors: | Eligible Content: |
|---|---|
| 9.1.12 A, B, C, D, E, F, G, H, J, K | n/a |

| Instructional Strategies: | Assessments: |
|---|---|
| • Problem solving activities<br>• Lecture<br>• Group discussion<br>• Performance task<br>• Hands-on activity<br>• Differentiated instruction<br>• Small group and individual instruction | • Planning of the project<br>• Fulfilling project requirements<br>• Time management<br>• Craftmanship and neatness<br>• Self-assessment and project reflection questions<br>• Completion of idea file |

**Grade: 10-12** **Course Title: Functional Pottery** **Topic/Concept: Wheel Throwing**

**Time Allotment: 12 weeks** **Unit Sequence: 7**

## Major Concepts to be learned:

- Basics of wheel throwing & centering
- Creating cyllinders
- Creating a bowl with a foot

## Expected Skills to be demonstrated:

- Construction of  multiple functional bowls and cyllinders
- Centering under 5 minutes
- Proper care and storage for clay that needs trimmed or handles added
- Proper clean up
- Proper useage of glazes meant for functional pieces

## PA Standards/Anchors:

9.1.12 B, C, D, E, F, G, H, J, K
9.2.12 A, B, C, D, G, L

## Eligible Content:

n/a

## Instructional Strategies:

- Problem solving activities
- Lecture
- Group discussion
- Performance task
- Hands-on activity
- Differentiated instruction
- Small group and individual instruction

## Assessments:

- Planning of the project
- Fulfilling project requirements
- Time management
- Craftmanship and neatness
- Self-assessment and project reflection questions