

## Curriculum Map: Ceramics 2022-23

Course: CERAMICS Sub-topic: Ceramics

Grade(s): 11 to 12

**Course Description:** This one semester course (90 day) is available to students in 11th and 12th grade. It deals with pottery "made from scratch". Students are taught the basic methods of hand-built and wheel-thrown pottery along with the various glazing techniques. Both functional and decorative pottery projects are demonstrated, allowing the students to take their creative abilities to the highest level.

**Course Textbooks, Workbooks, Materials Citations:** There is not a textbook for this course and all of the materials are provided in class.

### Unit: Unit 1: Welcome to Ceramics!

**Unit Description:** The teacher will review and discuss the syllabus for the course. In addition, the teacher will discuss the ceramics classroom procedures, expectations and routines. Time will also be spent discussing the process of completing clay projects.

**Unit Essential Questions:** How is working with clay different from other forms of art?

**Unit Big Ideas:** Artists use tools and resources as well as their own experiences and skills to create art.

### STANDARDS: STANDARDS

STATE: Pennsylvania SAS Academic Standards (2009-2013)

[9.1.12.C \(Advanced\)](#) Integrate and apply advanced vocabulary to the arts forms.

[9.1.12.G \(Advanced\)](#) Analyze the effect of rehearsal and practice sessions.

[9.1.12.H \(Advanced\)](#) Incorporate the effective and safe use of materials, equipment and tools into the production of works in the arts at work and performance spaces.

- Evaluate the use and applications of materials.
- Evaluate issues of cleanliness related to the arts.
- Evaluate the use and applications of mechanical/electrical equipment.
- Evaluate differences among selected physical space/environment.
- Evaluate the use and applications of safe props/stage equipment.
- Evaluate the use and apply safe methods for storing materials in the arts.

[9.1.12.J \(Advanced\)](#) Analyze and evaluate the use of traditional and contemporary technologies for producing, performing and exhibiting works in the arts or the works of others.

- Analyze traditional technologies (e.g., acid printing, etching methods, musical instruments, costume materials, eight track recording, super 8 movies).
- Analyze contemporary technologies (e.g., virtual reality design, instrument enhancements, photographic tools, broadcast equipment, film cameras, preservation tools, web graphics, computer generated marching band designs).

[9.1.12.K \(Advanced\)](#) Analyze and evaluate the use of traditional and contemporary technologies in furthering knowledge and understanding in the humanities.

(\* standards consolidated from Topic level)

### Topic: 1:1 Syllabus Review

#### STANDARDS

STATE: Pennsylvania SAS Academic Standards (2009-2013)

[9.1.12.G \(Advanced\)](#) Analyze the effect of rehearsal and practice sessions.

[9.1.12.H \(Advanced\)](#) Incorporate the effective and safe use of materials, equipment and tools into the production of works in the arts at work and performance spaces.

- Evaluate the use and applications of materials.
- Evaluate issues of cleanliness related to the arts.
- Evaluate the use and applications of mechanical/electrical equipment.
- Evaluate differences among selected physical space/environment.
- Evaluate the use and applications of safe props/stage equipment.
- Evaluate the use and apply safe methods for storing materials in the arts.

### Topic: 1:2 Ceramic classroom procedures

#### STANDARDS

STATE: Pennsylvania SAS Academic Standards (2009-2013)

[9.1.12.G \(Advanced\)](#)

Analyze the effect of rehearsal and practice sessions.

[9.1.12.H \(Advanced\)](#)

Incorporate the effective and safe use of materials, equipment and tools into the production of works in the arts at work and performance spaces.

- Evaluate the use and applications of materials.
- Evaluate issues of cleanliness related to the arts.
- Evaluate the use and applications of mechanical/electrical equipment.
- Evaluate differences among selected physical space/environment.
- Evaluate the use and applications of safe props/stage equipment.
- Evaluate the use and apply safe methods for storing materials in the arts.

### Topic: 1:3 Ceramic processes

#### STANDARDS

STATE: Pennsylvania SAS Academic Standards (2009-2013)

[9.1.12.C \(Advanced\)](#)

Integrate and apply advanced vocabulary to the arts forms.

[9.1.12.G \(Advanced\)](#)

Analyze the effect of rehearsal and practice sessions.

[9.1.12.H \(Advanced\)](#)

Incorporate the effective and safe use of materials, equipment and tools into the production of works in the arts at work and performance spaces.

- Evaluate the use and applications of materials.
- Evaluate issues of cleanliness related to the arts.
- Evaluate the use and applications of mechanical/electrical equipment.
- Evaluate differences among selected physical space/environment.
- Evaluate the use and applications of safe props/stage equipment.
- Evaluate the use and apply safe methods for storing materials in the arts.

[9.1.12.J \(Advanced\)](#)

Analyze and evaluate the use of traditional and contemporary technologies for producing, performing and exhibiting works in the arts or the works of others.

- Analyze traditional technologies (e.g., acid printing, etching methods, musical instruments, costume materials, eight track recording, super 8 movies).
- Analyze contemporary technologies (e.g., virtual reality design, instrument enhancements, photographic tools, broadcast equipment, film cameras, preservation tools, web graphics, computer generated marching band designs).

[9.1.12.K \(Advanced\)](#)

Analyze and evaluate the use of traditional and contemporary technologies in furthering knowledge and understanding in the humanities.

### Unit: Unit 2: Hand Building

#### Unit

The teacher will discuss the different methods of hand building pottery. The students will

#### Description:

complete projects for each type.

#### Unit Essential

#### Questions:

How can you use clay processes to express yourself and your ideas?

**Unit Big Ideas:** Artists use tools and resources as well as their own experiences and skills to create art.

#### STANDARDS: STANDARDS

STATE: Pennsylvania SAS Academic Standards (2009-2013)

[9.1.12.A \(Advanced\)](#)

Know and use the elements and principles of each art form to create works in the arts and humanities.

- Elements Dance: • energy/force • space • time Music: • duration • intensity • pitch • timbre Theatre: • scenario • script/text • set design Visual Arts: • color • form/shape • line • space • texture • value • Principles Dance: • choreography • form • genre • improvisation • style • technique Music: • composition • form • genre • harmony

- rhythm • texture Theatre: • balance • collaboration • discipline • emphasis • focus • intention • movement • rhythm • style • voice Visual Arts: • balance • contrast • emphasis/focal point • movement/rhythm • proportion/scale • repetition • unity/harmony

[9.1.12.B \(Advanced\)](#) Recognize, know, use and demonstrate a variety of appropriate arts elements and principles to produce, review and revise original works in the arts.

- Dance: • move • perform • read and notate dance • create and choreograph • improvise • Music: • sing • play an instrument • read and notate music • compose and arrange • improvise • Theatre: • stage productions • read and write scripts • improvise • interpret a role • design sets • direct • Visual Arts: • paint • draw • craft • sculpt • print • design for environment, communication, multi-media

[9.1.12.E \(Advanced\)](#) Delineate a unifying theme through the production of a work of art that reflects skills in media processes and techniques.

[9.1.12.F \(Advanced\)](#) Analyze works of arts influenced by experiences or historical and cultural events through production, performance or exhibition.

[9.1.12.G \(Advanced\)](#) Analyze the effect of rehearsal and practice sessions.

[9.1.12.H \(Advanced\)](#) Incorporate the effective and safe use of materials, equipment and tools into the production of works in the arts at work and performance spaces.

- Evaluate the use and applications of materials. • Evaluate issues of cleanliness related to the arts. • Evaluate the use and applications of mechanical/electrical equipment. • Evaluate differences among selected physical space/environment. • Evaluate the use and applications of safe props/stage equipment. • Evaluate the use and apply safe methods for storing materials in the arts.

[9.1.12.K \(Advanced\)](#) Analyze and evaluate the use of traditional and contemporary technologies in furthering knowledge and understanding in the humanities.

[9.2.12.D \(Advanced\)](#) Analyze a work of art from its historical and cultural perspective.

[9.3.12.D \(Advanced\)](#) Analyze and interpret works in the arts and humanities from different societies using culturally specific vocabulary of critical response.

(\* standards consolidated from Topic level)

## Topic: 2:1 Pinch pots

### STANDARDS

STATE: Pennsylvania SAS Academic Standards (2009-2013)

[9.1.12.A \(Advanced\)](#) Know and use the elements and principles of each art form to create works in the arts and humanities.

- Elements Dance: • energy/force • space • time Music: • duration • intensity • pitch • timbre Theatre: • scenario • script/text • set design Visual Arts: • color • form/shape • line • space • texture • value • Principles Dance: • choreography • form • genre • improvisation • style • technique Music: • composition • form • genre • harmony • rhythm • texture Theatre: • balance • collaboration • discipline • emphasis • focus • intention • movement • rhythm • style • voice Visual Arts: • balance • contrast • emphasis/focal point • movement/rhythm • proportion/scale • repetition • unity/harmony

[9.1.12.B \(Advanced\)](#) Recognize, know, use and demonstrate a variety of appropriate arts elements and principles to produce, review and revise original works in the arts.

- Dance: • move • perform • read and notate dance • create and choreograph • improvise • Music: • sing • play an instrument • read and notate music • compose and arrange • improvise • Theatre: • stage productions • read and write scripts • improvise • interpret a role • design sets • direct • Visual Arts: • paint • draw • craft • sculpt • print • design for environment, communication, multi-media

[9.1.12.F \(Advanced\)](#) Analyze works of arts influenced by experiences or historical and cultural events through production, performance or exhibition.

[9.1.12.H \(Advanced\)](#) Incorporate the effective and safe use of materials, equipment and tools into the production of works in the arts at work and performance spaces.

- Evaluate the use and applications of materials.
- Evaluate issues of cleanliness related to the arts.
- Evaluate the use and applications of mechanical/electrical equipment.
- Evaluate differences among selected physical space/environment.
- Evaluate the use and applications of safe props/stage equipment.
- Evaluate the use and apply safe methods for storing materials in the arts.

[9.2.12.D \(Advanced\)](#)

Analyze a work of art from its historical and cultural perspective.

[9.3.12.D \(Advanced\)](#)

Analyze and interpret works in the arts and humanities from different societies using culturally specific vocabulary of critical response.

## Topic: 2:2 Coil building

### STANDARDS

STATE: Pennsylvania SAS Academic Standards (2009-2013)

[9.1.12.A \(Advanced\)](#)

Know and use the elements and principles of each art form to create works in the arts and humanities.

- Elements Dance: • energy/force • space • time Music: • duration • intensity • pitch • timbre Theatre: • scenario • script/text • set design Visual Arts: • color • form/shape • line • space • texture • value • Principles Dance: • choreography • form • genre • improvisation • style • technique Music: • composition • form • genre • harmony • rhythm • texture Theatre: • balance • collaboration • discipline • emphasis • focus • intention • movement • rhythm • style • voice Visual Arts: • balance • contrast • emphasis/focal point • movement/rhythm • proportion/scale • repetition • unity/harmony

[9.1.12.B \(Advanced\)](#)

Recognize, know, use and demonstrate a variety of appropriate arts elements and principles to produce, review and revise original works in the arts.

- Dance: • move • perform • read and notate dance • create and choreograph • improvise • Music: • sing • play an instrument • read and notate music • compose and arrange • improvise • Theatre: • stage productions • read and write scripts • improvise • interpret a role • design sets • direct • Visual Arts: • paint • draw • craft • sculpt • print • design for environment, communication, multi-media

[9.1.12.G \(Advanced\)](#)

Analyze the effect of rehearsal and practice sessions.

[9.1.12.H \(Advanced\)](#)

Incorporate the effective and safe use of materials, equipment and tools into the production of works in the arts at work and performance spaces.

- Evaluate the use and applications of materials.
- Evaluate issues of cleanliness related to the arts.
- Evaluate the use and applications of mechanical/electrical equipment.
- Evaluate differences among selected physical space/environment.
- Evaluate the use and applications of safe props/stage equipment.
- Evaluate the use and apply safe methods for storing materials in the arts.

[9.1.12.K \(Advanced\)](#)

Analyze and evaluate the use of traditional and contemporary technologies in furthering knowledge and understanding in the humanities.

## Topic: 2:3 Slab building

### STANDARDS

STATE: Pennsylvania SAS Academic Standards (2009-2013)

[9.1.12.A \(Advanced\)](#)

Know and use the elements and principles of each art form to create works in the arts and humanities.

- Elements Dance: • energy/force • space • time Music: • duration • intensity • pitch • timbre Theatre: • scenario • script/text • set design Visual Arts: • color • form/shape • line • space • texture • value • Principles Dance: • choreography • form • genre • improvisation • style • technique Music: • composition • form • genre • harmony • rhythm • texture Theatre: • balance • collaboration • discipline • emphasis • focus • intention • movement • rhythm • style • voice Visual Arts: • balance • contrast • emphasis/focal point • movement/rhythm • proportion/scale • repetition • unity/harmony

[9.1.12.B \(Advanced\)](#)

Recognize, know, use and demonstrate a variety of appropriate arts elements and principles to produce, review and revise original works in the arts.

- Dance: • move • perform • read and notate dance • create and choreograph • improvise • Music: • sing • play an instrument • read and notate music • compose and arrange • improvise • Theatre: • stage productions • read and write scripts • improvise • interpret a role • design sets • direct • Visual Arts: • paint • draw • craft • sculpt • print • design for environment, communication, multi-media

[9.1.12.E \(Advanced\)](#)

Delineate a unifying theme through the production of a work of art that reflects skills in media processes and techniques.

[9.1.12.G \(Advanced\)](#)

Analyze the effect of rehearsal and practice sessions.

[9.1.12.H \(Advanced\)](#)

Incorporate the effective and safe use of materials, equipment and tools into the production of works in the arts at work and performance spaces.

- Evaluate the use and applications of materials.
- Evaluate issues of cleanliness related to the arts.
- Evaluate the use and applications of mechanical/electrical equipment.
- Evaluate differences among selected physical space/environment.
- Evaluate the use and applications of safe props/stage equipment.
- Evaluate the use and apply safe methods for storing materials in the arts.

### Unit: Unit 3: Wheel techniques

**Unit Description:** The teacher will discuss and demonstrate throwing pottery on the wheel and each step of the process. The students will throw their own pottery on the wheel.

**Unit Essential Questions:** How is expressing ideas on the wheel different from using your hands?

**Unit Big Ideas:** Artists use tools and resources as well as their own experiences and skills to create art.

### STANDARDS: STANDARDS

STATE: Pennsylvania SAS Academic Standards (2009-2013)

[9.1.12.A \(Advanced\)](#) Know and use the elements and principles of each art form to create works in the arts and humanities.

- Elements Dance: • energy/force • space • time Music: • duration • intensity • pitch • timbre Theatre: • scenario • script/text • set design Visual Arts: • color • form/shape • line • space • texture • value • Principles Dance: • choreography • form • genre • improvisation • style • technique Music: • composition • form • genre • harmony • rhythm • texture Theatre: • balance • collaboration • discipline • emphasis • focus • intention • movement • rhythm • style • voice Visual Arts: • balance • contrast • emphasis/focal point • movement/rhythm • proportion/scale • repetition • unity/harmony

[9.1.12.B \(Advanced\)](#) Recognize, know, use and demonstrate a variety of appropriate arts elements and principles to produce, review and revise original works in the arts.

- Dance: • move • perform • read and notate dance • create and choreograph • improvise • Music: • sing • play an instrument • read and notate music • compose and arrange • improvise • Theatre: • stage productions • read and write scripts • improvise • interpret a role • design sets • direct • Visual Arts: • paint • draw • craft • sculpt • print • design for environment, communication, multi-media

[9.1.12.C \(Advanced\)](#) Integrate and apply advanced vocabulary to the arts forms.

[9.1.12.G \(Advanced\)](#) Analyze the effect of rehearsal and practice sessions.

[9.1.12.H \(Advanced\)](#) Incorporate the effective and safe use of materials, equipment and tools into the production of works in the arts at work and performance spaces.

- Evaluate the use and applications of materials.
- Evaluate issues of cleanliness related to the arts.
- Evaluate the use and applications of mechanical/electrical equipment.
- Evaluate differences among selected physical space/environment.
- Evaluate the use and applications of safe props/stage equipment.
- Evaluate the use and apply safe methods for storing materials in the arts.

[9.1.12.J \(Advanced\)](#) Analyze and evaluate the use of traditional and contemporary technologies for producing, performing and exhibiting works in the arts or the works of others.

- Analyze traditional technologies (e.g., acid printing, etching methods, musical instruments, costume materials, eight track recording, super 8 movies).
- Analyze contemporary

technologies (e.g., virtual reality design, instrument enhancements, photographic tools, broadcast equipment, film cameras, preservation tools, web graphics, computer generated marching band designs).

(\* standards consolidated from Topic level)

### Topic: 3:1 Overview of the wheel

#### STANDARDS

STATE: [Pennsylvania SAS Academic Standards \(2009-2013\)](#)

[9.1.12.C \(Advanced\)](#)

Integrate and apply advanced vocabulary to the arts forms.

[9.1.12.G \(Advanced\)](#)

Analyze the effect of rehearsal and practice sessions.

[9.1.12.H \(Advanced\)](#)

Incorporate the effective and safe use of materials, equipment and tools into the production of works in the arts at work and performance spaces.

- Evaluate the use and applications of materials.
- Evaluate issues of cleanliness related to the arts.
- Evaluate the use and applications of mechanical/electrical equipment.
- Evaluate differences among selected physical space/environment.
- Evaluate the use and applications of safe props/stage equipment.
- Evaluate the use and apply safe methods for storing materials in the arts.

[9.1.12.J \(Advanced\)](#)

Analyze and evaluate the use of traditional and contemporary technologies for producing, performing and exhibiting works in the arts or the works of others.

- Analyze traditional technologies (e.g., acid printing, etching methods, musical instruments, costume materials, eight track recording, super 8 movies).
- Analyze contemporary technologies (e.g., virtual reality design, instrument enhancements, photographic tools, broadcast equipment, film cameras, preservation tools, web graphics, computer generated marching band designs).

### Topic: 3:2 Centering

#### STANDARDS

STATE: [Pennsylvania SAS Academic Standards \(2009-2013\)](#)

[9.1.12.A \(Advanced\)](#)

Know and use the elements and principles of each art form to create works in the arts and humanities.

- Elements Dance: • energy/force • space • time Music: • duration • intensity • pitch • timbre Theatre: • scenario • script/text • set design Visual Arts: • color • form/shape • line • space • texture • value • Principles Dance: • choreography • form • genre • improvisation • style • technique Music: • composition • form • genre • harmony • rhythm • texture Theatre: • balance • collaboration • discipline • emphasis • focus • intention • movement • rhythm • style • voice Visual Arts: • balance • contrast • emphasis/focal point • movement/rhythm • proportion/scale • repetition • unity/harmony

[9.1.12.B \(Advanced\)](#)

Recognize, know, use and demonstrate a variety of appropriate arts elements and principles to produce, review and revise original works in the arts.

- Dance: • move • perform • read and notate dance • create and choreograph • improvise • Music: • sing • play an instrument • read and notate music • compose and arrange • improvise • Theatre: • stage productions • read and write scripts • improvise • interpret a role • design sets • direct • Visual Arts: • paint • draw • craft • sculpt • print • design for environment, communication, multi-media

[9.1.12.C \(Advanced\)](#)

Integrate and apply advanced vocabulary to the arts forms.

[9.1.12.G \(Advanced\)](#)

Analyze the effect of rehearsal and practice sessions.

[9.1.12.H \(Advanced\)](#)

Incorporate the effective and safe use of materials, equipment and tools into the production of works in the arts at work and performance spaces.

- Evaluate the use and applications of materials.
- Evaluate issues of cleanliness related to the arts.
- Evaluate the use and applications of mechanical/electrical equipment.
- Evaluate differences among selected physical space/environment.
- Evaluate the use and applications of safe props/stage equipment.
- Evaluate the use and apply safe methods for storing materials in the arts.

[9.1.12.J \(Advanced\)](#)

Analyze and evaluate the use of traditional and contemporary technologies for producing, performing and exhibiting works in the arts or the works of others.

- Analyze traditional technologies (e.g., acid printing, etching methods, musical instruments, costume materials, eight track recording, super 8 movies).
- Analyze contemporary technologies (e.g., virtual reality design, instrument enhancements,

photographic tools, broadcast equipment, film cameras, preservation tools, web graphics, computer generated marching band designs).

### Topic: 3:3 Throwing

#### STANDARDS

STATE: Pennsylvania SAS Academic Standards (2009-2013)

[9.1.12.J \(Advanced\)](#)

Analyze and evaluate the use of traditional and contemporary technologies for producing, performing and exhibiting works in the arts or the works of others.

- Analyze traditional technologies (e.g., acid printing, etching methods, musical instruments, costume materials, eight track recording, super 8 movies).
- Analyze contemporary technologies (e.g., virtual reality design, instrument enhancements, photographic tools, broadcast equipment, film cameras, preservation tools, web graphics, computer generated marching band designs).

### Topic: 3:4 Finishing

#### STANDARDS

STATE: Pennsylvania SAS Academic Standards (2009-2013)

[9.1.12.A \(Advanced\)](#)

Know and use the elements and principles of each art form to create works in the arts and humanities.

- Elements Dance: • energy/force • space • time Music: • duration • intensity • pitch • timbre Theatre: • scenario • script/text • set design Visual Arts: • color • form/shape • line • space • texture • value • Principles Dance: • choreography • form • genre • improvisation • style • technique Music: • composition • form • genre • harmony • rhythm • texture Theatre: • balance • collaboration • discipline • emphasis • focus • intention • movement • rhythm • style • voice Visual Arts: • balance • contrast • emphasis/focal point • movement/rhythm • proportion/scale • repetition • unity/harmony

[9.1.12.B \(Advanced\)](#)

Recognize, know, use and demonstrate a variety of appropriate arts elements and principles to produce, review and revise original works in the arts.

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[9.1.12.C \(Advanced\)](#)

Integrate and apply advanced vocabulary to the arts forms.

[9.1.12.G \(Advanced\)](#)

Analyze the effect of rehearsal and practice sessions.

[9.1.12.H \(Advanced\)](#)

Incorporate the effective and safe use of materials, equipment and tools into the production of works in the arts at work and performance spaces.

- Evaluate the use and applications of materials.
- Evaluate issues of cleanliness related to the arts.
- Evaluate the use and applications of mechanical/electrical equipment.
- Evaluate differences among selected physical space/environment.
- Evaluate the use and applications of safe props/stage equipment.
- Evaluate the use and apply safe methods for storing materials in the arts.

### Unit: Unit 4: Finishing Bisque Fired Pieces

#### Unit

Upon the completion of the first firing, the teacher will discuss options for finishing bisque

#### Description:

fired projects. The teacher will discuss glazing as well as other ideas. The students will finish their work.

#### Unit Essential Questions:

How does finishing affect the meaning your art conveys?

#### STANDARDS: STANDARDS

STATE: Pennsylvania SAS Academic Standards (2009-2013)

[9.1.12.A \(Advanced\)](#)

Know and use the elements and principles of each art form to create works in the arts and humanities.

- Elements Dance: • energy/force • space • time Music:



- duration • intensity • pitch • timbre Theatre: • scenario
- script/text • set design Visual Arts: • color • form/shape
- line • space • texture • value • Principles Dance: •
- choreography • form • genre • improvisation • style •
- technique Music: • composition • form • genre • harmony
- rhythm • texture Theatre: • balance • collaboration •
- discipline • emphasis • focus • intention • movement •
- rhythm • style • voice Visual Arts: • balance • contrast •
- emphasis/focal point • movement/rhythm • proportion/scale
- repetition • unity/harmony

[9.1.12.B \(Advanced\)](#) Recognize, know, use and demonstrate a variety of appropriate arts elements and principles to produce, review and revise original works in the arts.

- Dance: • move • perform • read and notate dance • create and choreograph • improvise • Music: • sing • play an instrument • read and notate music • compose and arrange •improvise • Theatre: • stage productions • read and write scripts • improvise • interpret a role • design sets • direct • Visual Arts: • paint • draw • craft • sculpt • print • design for environment, communication, multi-media

[9.1.12.C \(Advanced\)](#) Integrate and apply advanced vocabulary to the arts forms.

[9.1.12.H \(Advanced\)](#) Incorporate the effective and safe use of materials, equipment and tools into the production of works in the arts at work and performance spaces.

- Evaluate the use and applications of materials. • Evaluate issues of cleanliness related to the arts. • Evaluate the use and applications of mechanical/electrical equipment. • Evaluate differences among selected physical space/environment. • Evaluate the use and applications of safe props/stage equipment. • Evaluate the use and apply safe methods for storing materials in the arts.

[9.1.12.J \(Advanced\)](#) Analyze and evaluate the use of traditional and contemporary technologies for producing, performing and exhibiting works in the arts or the works of others.

- Analyze traditional technologies (e.g., acid printing, etching methods, musical instruments, costume materials, eight track recording, super 8 movies). • Analyze contemporary technologies (e.g., virtual reality design, instrument enhancements, photographic tools, broadcast equipment, film cameras, preservation tools, web graphics, computer generated marching band designs).

(\* standards consolidated from Topic level)

## Topic: 4:1 Glazing

### STANDARDS

STATE: Pennsylvania SAS Academic Standards (2009-2013)

[9.1.12.A \(Advanced\)](#) Know and use the elements and principles of each art form to create works in the arts and humanities.

- Elements Dance: • energy/force • space • time Music: • duration • intensity • pitch • timbre Theatre: • scenario • script/text • set design Visual Arts: • color • form/shape • line • space • texture • value • Principles Dance: • choreography • form • genre • improvisation • style • technique Music: • composition • form • genre • harmony • rhythm • texture Theatre: • balance • collaboration • discipline • emphasis • focus • intention • movement • rhythm • style • voice Visual Arts: • balance • contrast • emphasis/focal point • movement/rhythm • proportion/scale • repetition • unity/harmony

[9.1.12.B \(Advanced\)](#) Recognize, know, use and demonstrate a variety of appropriate arts elements and principles to produce, review and revise original works in the arts.

- Dance: • move • perform • read and notate dance • create and choreograph • improvise • Music: • sing • play an instrument • read and notate music • compose and arrange •improvise • Theatre: • stage productions • read and write scripts • improvise • interpret a role • design sets • direct • Visual Arts: • paint • draw • craft • sculpt • print • design for environment, communication, multi-media

[9.1.12.C \(Advanced\)](#) Integrate and apply advanced vocabulary to the arts forms.

[9.1.12.H \(Advanced\)](#) Incorporate the effective and safe use of materials, equipment and tools into the



production of works in the arts at work and performance spaces.

- Evaluate the use and applications of materials.
- Evaluate issues of cleanliness related to the arts.
- Evaluate the use and applications of mechanical/electrical equipment.
- Evaluate differences among selected physical space/environment.
- Evaluate the use and applications of safe props/stage equipment.
- Evaluate the use and apply safe methods for storing materials in the arts.

[9.1.12.J \(Advanced\)](#)

Analyze and evaluate the use of traditional and contemporary technologies for producing, performing and exhibiting works in the arts or the works of others.

- Analyze traditional technologies (e.g., acid printing, etching methods, musical instruments, costume materials, eight track recording, super 8 movies).
- Analyze contemporary technologies (e.g., virtual reality design, instrument enhancements, photographic tools, broadcast equipment, film cameras, preservation tools, web graphics, computer generated marching band designs).

**Topic: 4:2 Other finishing ideas**

**STANDARDS**

STATE: Pennsylvania SAS Academic Standards (2009-2013)

[9.1.12.A \(Advanced\)](#)

Know and use the elements and principles of each art form to create works in the arts and humanities.

- Elements Dance: • energy/force • space • time Music: • duration • intensity • pitch • timbre Theatre: • scenario • script/text • set design Visual Arts: • color • form/shape • line • space • texture • value • Principles Dance: • choreography • form • genre • improvisation • style • technique Music: • composition • form • genre • harmony • rhythm • texture Theatre: • balance • collaboration • discipline • emphasis • focus • intention • movement • rhythm • style • voice Visual Arts: • balance • contrast • emphasis/focal point • movement/rhythm • proportion/scale • repetition • unity/harmony

[9.1.12.B \(Advanced\)](#)

Recognize, know, use and demonstrate a variety of appropriate arts elements and principles to produce, review and revise original works in the arts.

- Dance: • move • perform • read and notate dance • create and choreograph • improvise • Music: • sing • play an instrument • read and notate music • compose and arrange • improvise • Theatre: • stage productions • read and write scripts • improvise • interpret a role • design sets • direct • Visual Arts: • paint • draw • craft • sculpt • print • design for environment, communication, multi-media

[9.1.12.H \(Advanced\)](#)

Incorporate the effective and safe use of materials, equipment and tools into the production of works in the arts at work and performance spaces.

- Evaluate the use and applications of materials.
- Evaluate issues of cleanliness related to the arts.
- Evaluate the use and applications of mechanical/electrical equipment.
- Evaluate differences among selected physical space/environment.
- Evaluate the use and applications of safe props/stage equipment.
- Evaluate the use and apply safe methods for storing materials in the arts.