Lesson: LEARNING TO LOOK

PA Standards for Arts and Humanities

9.1.
   C. Develop and use fundamental art vocabulary.

9.3.
   A. Use critical processes in the examination of works of art:
      - Compare and contrast
      - Analyze
      - Interpret
      - Form and test hypotheses
      - Evaluate/form judgments
   B. Explore the arts elements, principles and concepts.
   F. Examine similar and different characteristics among works of art.

9.4.
   B. Communicate and support an informed opinion about the meaning of works of art.
   D. Recognize that artists communicate ideas through works of art.

PA Standards for Reading, Writing, Speaking and Listening

1.6.
   D. Contribute to discussions: respond with appropriate information and opinions; ask relevant questions.

Provided by the Philadelphia Museum of Art.
The Museum is not responsible for this content as these are state standards (August 2009).
Lesson: WORLD OF ART

PA Standards for Arts and Humanities

9.1.
C. Develop and use fundamental art vocabulary.

9.3.
A. Use critical processes in the examination of works of art:
   - Compare and contrast
   - Analyze
   - Interpret
   - Form and test hypotheses
   - Evaluate/form judgments

B. Explore the arts elements, principles and concepts.

F. Examine similar and different characteristics among works of art.

9.4.
B. Communicate and support an informed opinion about the meaning of works of art.

D. Recognize that artists communicate ideas through works of art.

PA Standards for Reading, Writing, Speaking and Listening

1.6.
D. Contribute to discussions: respond with appropriate information and opinions; ask relevant questions.
Lesson: PEOPLE, PLACES, AND THINGS

PA Standards for Arts and Humanities

9.1.  
C. Develop and use fundamental art vocabulary.

9.3.  
A. Use critical processes in the examination of works of art:
   - Compare and contrast
   - Analyze
   - Interpret
   - Form and test hypotheses
   - Evaluate/form judgments

B. Explore the arts elements, principles and concepts.

F. Examine similar and different characteristics among works of art.

9.4.  
B. Communicate and support an informed opinion about the meaning of works of art.

D. Recognize that artists communicate ideas through works of art.

PA Standards for Reading, Writing, Speaking and Listening

1.6.  
D. Contribute to discussions: respond with appropriate information and opinions; ask relevant questions.
Lesson: STORIES IN ART (grades 1–3)

PA Standards for Arts and Humanities

9.1.
C. Develop and use fundamental art vocabulary.

9.3.
A. Use critical processes in the examination of works of art:
   - Compare and contrast
   - Analyze
   - Interpret
   - Form and test hypotheses
   - Evaluate/form judgments

B. Explore the arts elements, principles and concepts.

F. Examine similar and different characteristics among works of art.

9.4.
B. Communicate and support an informed opinion about the meaning of works of art.

D. Recognize that artists communicate ideas through works of art.

PA Standards for Reading, Writing, Speaking and Listening

1.6.
D. Contribute to discussions: respond with appropriate information and opinions; ask relevant questions.
Lesson: LEARNING TO LOOK (grades 4–6)

PA Standards for Arts and Humanities

9.1.
   C. Develop and use fundamental art vocabulary.

9.3.
   A. Use critical processes in the examination of works of art:
      Compare and contrast
      Analyze
      Interpret
      Form and test hypotheses
      Evaluate/form judgments
   B. Explore the arts elements, principles and concepts.
   F. Examine similar and different characteristics among works of art.

9.4.
   B. Communicate and support an informed opinion about the meaning of works of art.
   D. Recognize that artists communicate ideas through works of art.

PA Standards for Reading, Writing, Speaking and Listening

1.6.
   D. Contribute to discussions: respond with appropriate information and opinions; ask relevant questions.
Lesson: AROUND THE WORLD (grades 4–8)

PA Standards for Arts and Humanities

9.1.
   C. Develop and use fundamental art vocabulary.

9.3.
   A. Use critical processes in the examination of works of art:
      - Compare and contrast
      - Analyze
      - Interpret
      - Form and test hypotheses
      - Evaluate/form judgments
   
   B. Explore the arts elements, principles and concepts.

   F. Examine similar and different characteristics among works of art.

9.4.
   B. Communicate and support an informed opinion about the meaning of works of art.

   D. Recognize that artists communicate ideas through works of art.

PA Standards for Reading, Writing, Speaking and Listening

1.6.
   D. Contribute to discussions: respond with appropriate information and opinions; ask relevant questions.
Lesson:  INTRODUCTION TO THE MUSEUM (grades 7–12)

PA Standards for Arts and Humanities

9.1.
   C. Develop and use fundamental art vocabulary.

9.3.
   A. Use critical processes in the examination of works of art:
      Compare and contrast
      Analyze
      Interpret
      Form and test hypotheses
      Evaluate/form judgments
   
   B. Explore the arts elements, principles and concepts.
   
   F. Examine similar and different characteristics among works of art.

9.4.
   B. Communicate and support an informed opinion about the meaning of works of art.
   
   D. Recognize that artists communicate ideas through works of art.

PA Standards for Reading, Writing, Speaking and Listening

1.6.
   D. Contribute to discussions: respond with appropriate information and opinions; ask relevant questions.
Lesson: PAINTERS AND PAINTINGS

PA Standards for Arts and Humanities

9.1.
   C. Develop and use fundamental art vocabulary.

9.3.
   A. Use critical processes in the examination of works of art:
      - Compare and contrast
      - Analyze
      - Interpret
      - Form and test hypotheses
      - Evaluate/form judgments
   B. Explore the arts elements, principles and concepts.
   F. Examine similar and different characteristics among works of art.

9.4.
   B. Communicate and support an informed opinion about the meaning of works of art.
   D. Recognize that artists communicate ideas through works of art.

PA Standards for Reading, Writing, Speaking and Listening

1.6.
   D. Contribute to discussions: respond with appropriate information and opinions; ask relevant questions.

PA Standards for History

8.4.
   A. Identify and explain how individuals and groups made significant political and cultural contributions to world history.
Lesson: INTRODUCTION TO SCULPTURE

PA Standards for Arts and Humanities

9.1.
   C. Develop and use fundamental art vocabulary.

9.3.
   A. Use critical processes in the examination of works of art:
      Compare and contrast
      Analyze
      Interpret
      Form and test hypotheses
      Evaluate/form judgments
   B. Explore the arts elements, principles and concepts.
   F. Examine similar and different characteristics among works of art.

9.4.
   B. Communicate and support an informed opinion about the meaning of works of art.
   C. Recognize that artists communicate ideas through works of art.

PA Standards for Reading, Writing, Speaking and Listening

1.6.
   D. Contribute to discussions: respond with appropriate information and opinions; ask relevant questions.

PA Standards for Science & Technology

3.2.
   A. Apply knowledge and understanding about the nature of scientific and technological knowledge.
   B. Describe materials using precise quantitative and qualitative skills based on observations.

3.4.
   A. Explain and apply concepts about the structure and properties of matter.
Lesson: INTRODUCTION TO CERAMICS

PA Standards for Arts and Humanities

9.1.
C. Develop and use fundamental art vocabulary.

9.3.
A. Use critical processes in the examination of works of art:
   - Compare and contrast
   - Analyze
   - Interpret
   - Form and test hypotheses
   - Evaluate/form judgments

B. Explore the arts elements, principles and concepts.

F. Examine similar and different characteristics among works of art.

9.4.
B. Communicate and support an informed opinion about the meaning of works of art.

D. Recognize that artists communicate ideas through works of art.

PA Standards for Reading, Writing, Speaking and Listening

1.6.
D. Contribute to discussions: respond with appropriate information and opinions; ask relevant questions.

PA Standards for Science & Technology

3.2
A. Apply knowledge and understanding about the nature of scientific and technological knowledge.

B. Describe materials using precise quantitative and qualitative skills based on observations.

3.4
A. Explain and apply concepts about the structure and properties of matter.
Lesson: INTRODUCTION TO ARCHITECTURE

PA Standards for Arts and Humanities

9.1.
   C. Develop and use fundamental art vocabulary.

9.3.
   A. Use critical processes in the examination of works of art:
      Compare and contrast
      Analyze
      Interpret
      Form and test hypotheses
      Evaluate/form judgments
   B. Explore the arts elements, principles and concepts.
   F. Examine similar and different characteristics among works of art.

9.4.
   B. Communicate and support an informed opinion about the meaning of works of art.
   D. Recognize that artists communicate ideas through works of art.

PA Standards for Reading, Writing, Speaking and Listening

1.6
   D. Contribute to discussions: respond with appropriate information and opinions; ask relevant questions.

PA Standards for Math

2.8.
   A. Recognize, extend, and describe patterns, sequences and relationships.
   B. Connect patterns to geometric relations and number skills.

2.9.
   F. Identify symmetry.

Provided by the Philadelphia Museum of Art.
The Museum is not responsible for this content as these are state standards (August 2009).
Lesson: INTRODUCTION TO ARCHITECTURE (cont.)

PA Standards for Science & Technology

3.2.
   A. Apply knowledge and understanding about the nature of scientific and technological knowledge.
   
   B. Describe materials using precise quantitative and qualitative skills based on observations.

3.4.
   A. Explain and apply concepts about the structure and properties of matter.
Lesson: AMERICAN ART: FROM COLONY TO NATION

PA Standards for Arts and Humanities

9.1.
   C. Develop and use fundamental art vocabulary.

9.3.
   A. Use critical processes in the examination of works of art:
      Compare and contrast
      Analyze
      Interpret
      Form and test hypotheses
      Evaluate/form judgments
   B. Explore the arts elements, principles and concepts.
   F. Examine similar and different characteristics among works of art.

9.4.
   B. Communicate and support an informed opinion about the meaning of works of art.
   D. Recognize that artists communicate ideas through works of art.

PA Standards for Reading, Writing, Speaking and Listening

1.6.
   D. Contribute to discussions: respond with appropriate information and opinions; ask relevant questions.

PA Standards for History

8.2.
   A. Identify and explain political and cultural contributions of individuals and groups to PA history.

8.3.
   A. Identify and explain political and cultural contributions of individuals and groups to United States history.
   C. Explain how continuity and change have influenced United States history.
Lesson: SURVEY OF AMERICAN ART

PA Standards for Arts and Humanities

9.1.
C. Develop and use fundamental art vocabulary.

9.3.
A. Use critical processes in the examination of works of art:
   Compare and contrast
   Analyze
   Interpret
   Form and test hypotheses
   Evaluate/form judgments

B. Explore the arts elements, principles and concepts.

F. Examine similar and different characteristics among works of art.

9.4.
B. Communicate and support an informed opinion about the meaning of works of art.

D. Recognize that artists communicate ideas through works of art.

8.3.
A. Identify and explain political and cultural contributions of individuals and groups to United States history.

C. Explain how continuity and change have influenced United States history.

PA Standards for Reading, Writing, Speaking and Listening

1.6.
D. Contribute to discussions: respond with appropriate information and opinions; ask relevant questions.

PA Standards for History

8.3.
A. Identify and explain political and cultural contributions of individuals and groups to United States history.

C. Explain how continuity and change have influenced United States history.
Lesson: PENNSYLVANIA ARTISTS

PA Standards for Arts and Humanities

9.1.
C. Develop and use fundamental art vocabulary.

9.3.
A. Use critical processes in the examination of works of art:
   Compare and contrast
   Analyze
   Interpret
   Form and test hypotheses
   Evaluate/form judgments

B. Explore the arts elements, principles and concepts.

F. Examine similar and different characteristics among works of art.

9.4.
B. Communicate and support an informed opinion about the meaning of works of art.

D. Recognize that artists communicate ideas through works of art.

PA Standards for Reading, Writing, Speaking and Listening

1.6.
D. Contribute to discussions: respond with appropriate information and opinions; ask relevant questions.

PA Standards for History

8.2.
A. Identify and explain political and cultural contributions of individuals and groups to PA history.
Lesson: GREEK AND ROMAN MYTHOLOGY IN ART

PA Standards for Arts and Humanities

9.1.
C. Develop and use fundamental art vocabulary.

9.3.
A. Use critical processes in the examination of works of art:
   Compare and contrast
   Analyze
   Interpret
   Form and test hypotheses
   Evaluate/form judgments

B. Explore the arts elements, principles and concepts.

F. Examine similar and different characteristics among works of art.

9.4.
B. Communicate and support an informed opinion about the meaning of works of art.

D. Recognize that artists communicate ideas through works of art.

PA Standards for Reading, Writing, Speaking and Listening

1.6.
D. Contribute to discussions: respond with appropriate information and opinions; ask relevant questions.
Lesson: MEDIEVAL ART

PA Standards for Arts and Humanities

9.1.
   C. Develop and use fundamental art vocabulary.

9.3.
   A. Use critical processes in the examination of works of art:
      - Compare and contrast
      - Analyze
      - Interpret
      - Form and test hypotheses
      - Evaluate/form judgments
   
   B. Explore the arts elements, principles and concepts.

   F. Examine similar and different characteristics among works of art.

9.4.
   B. Communicate and support an informed opinion about the meaning of works of art.

   D. Recognize that artists communicate ideas through works of art.

PA Standards for Reading, Writing, Speaking and Listening

1.6.
   D. Contribute to discussions: respond with appropriate information and opinions; ask relevant questions.

PA Standards for History

8.4.
   A. Identify and explain how individuals and groups made significant political and cultural contributions to world history.
Lesson: ARMS AND ARMOR

PA Standards for Arts and Humanities

9.1.
   C. Develop and use fundamental art vocabulary.

9.3.
   A. Use critical processes in the examination of works of art:
      Compare and contrast
      Analyze
      Interpret
      Form and test hypotheses
      Evaluate/form judgments

   B. Explore the arts elements, principles and concepts.

   F. Examine similar and different characteristics among works of art.

9.4.
   B. Communicate and support an informed opinion about the meaning of works of art.

   D. Recognize that artists communicate ideas through works of art.

PA Standards for Reading, Writing, Speaking and Listening

1.6.
   D. Contribute to discussions: respond with appropriate information and opinions; ask relevant questions.

PA Standards for History

8.4.
   A. Identify and explain how individuals and groups made significant political and cultural contributions to world history.
Lesson: ART OF THE RENAISSANCE

PA Standards for Arts and Humanities

9.1.
   C. Develop and use fundamental art vocabulary.

9.3.
   A. Use critical processes in the examination of works of art:
      Compare and contrast
      Analyze
      Interpret
      Form and test hypotheses
      Evaluate/form judgments

   B. Explore the arts elements, principles and concepts.

   F. Examine similar and different characteristics among works of art.

9.4.
   B. Communicate and support an informed opinion about the meaning of works of art.

   D. Recognize that artists communicate ideas through works of art.

PA Standards for Reading, Writing, Speaking and Listening

1.6.
   D. Contribute to discussions: respond with appropriate information and opinions; ask relevant questions.

PA Standards for History

8.4.
   A. Identify and explain how individuals and groups made significant political and cultural contributions to world history.
Lesson: MEDIEVAL AND RENAISSANCE ART

PA Standards for Arts and Humanities

9.1.
   C. Develop and use fundamental art vocabulary.

9.3.
   A. Use critical processes in the examination of works of art:
      Compare and contrast
      Analyze
      Interpret
      Form and test hypotheses
      Evaluate/form judgments
   B. Explore the arts elements, principles and concepts.
   F. Examine similar and different characteristics among works of art.

9.4.
   B. Communicate and support an informed opinion about the meaning of works of art.
   D. Recognize that artists communicate ideas through works of art.

PA Standards for Reading, Writing, Speaking and Listening

1.6.
   D. Contribute to discussions: respond with appropriate information and opinions; ask relevant questions.

PA Standards for History

8.4.
   A. Identify and explain how individuals and groups made significant political and cultural contributions to world history.
Lesson:  RENAISSANCE TO MODERN

PA Standards for Arts and Humanities

9.1.
   C. Develop and use fundamental art vocabulary.

9.3.
   A. Use critical processes in the examination of works of art:
      Compare and contrast
      Analyze
      Interpret
      Form and test hypotheses
      Evaluate/form judgments

   B. Explore the arts elements, principles and concepts.

   F. Examine similar and different characteristics among works of art.

9.4.
   B. Communicate and support an informed opinion about the meaning of works of art.

   D. Recognize that artists communicate ideas through works of art.

PA Standards for Reading, Writing, Speaking and Listening

1.6.
   D. Contribute to discussions: respond with appropriate information and opinions; ask relevant questions.

PA Standards for History

8.4.
   A. Identify and explain how individuals and groups made significant political and cultural contributions to world history.
Lesson: ART AND MATH

PA Standards for Arts and Humanities

9.1.  
   C. Develop and use fundamental art vocabulary.

9.3.  
   A. Use critical processes in the examination of works of art:  
      Compare and contrast  
      Analyze  
      Interpret  
      Form and test hypotheses  
      Evaluate/form judgments
   B. Explore the arts elements, principles and concepts.
   F. Examine similar and different characteristics among works of art.

9.4.  
   B. Communicate and support an informed opinion about the meaning of works of art.
   D. Recognize that artists communicate ideas through works of art.

PA Standards for Reading, Writing, Speaking and Listening

1.6.  
   D. Contribute to discussions: respond with appropriate information and opinions; ask relevant questions.

PA Standards for Math

2.5.  
   C. Show ideas in a variety of ways, including words, numbers, symbols, pictures, and models.

2.8.  
   A. Recognize, extend, and describe patterns, sequences and relationships.
   B. Connect patterns to geometric relations and number skills.

2.9.  
   F. Identify symmetry.
   G. Describe tessellation.
Lesson: ART AND LANGUAGE ARTS

PA Standards for Arts and Humanities

9.1.
   C. Develop and use fundamental art vocabulary.

9.3.
   A. Use critical processes in the examination of works of art:
      Compare and contrast
      Analyze
      Interpret
      Form and test hypotheses
      Evaluate/form judgments

   B. Explore the arts elements, principles and concepts.

   F. Examine similar and different characteristics among works of art.

9.4.
   B. Communicate and support an informed opinion about the meaning of works of art.

   D. Recognize that artists communicate ideas through works of art.

PA Standards for Reading, Writing, Speaking and Listening

1.6.
   D. Contribute to discussions: respond with appropriate information and opinions; ask relevant questions.
Lesson:  ART SPEAKS (Philadelphia public school grade 4 only)

PA Standards for Arts and Humanities

9.1.
   C. Develop and use fundamental art vocabulary.

9.3.
   A. Use critical processes in the examination of works of art:
      Compare and contrast
      Analyze
      Interpret
      Form and test hypotheses
      Evaluate/form judgments

   B. Explore the arts elements, principles and concepts.

   F. Examine similar and different characteristics among works of art.

9.4.
   B. Communicate and support an informed opinion about the meaning of works of art.

   D. Recognize that artists communicate ideas through works of art.

PA Standards for Reading, Writing, Speaking and Listening

1.6.
   D. Contribute to discussions: respond with appropriate information and opinions; ask relevant questions.
Lesson:  THE IMPRESSIONIST ERA

PA Standards for Arts and Humanities

9.1.
   C. Develop and use fundamental art vocabulary.

9.3.
   A. Use critical processes in the examination of works of art:
      Compare and contrast
      Analyze
      Interpret
      Form and test hypotheses
      Evaluate/form judgments
   
   B. Explore the arts elements, principles and concepts.
   
   F. Examine similar and different characteristics among works of art.

9.4.
   B. Communicate and support an informed opinion about the meaning of works of art.
   
   D. Recognize that artists communicate ideas through works of art.

PA Standards for Reading, Writing, Speaking and Listening

1.6.
   D. Contribute to discussions: respond with appropriate information and opinions; ask relevant questions.

PA Standards for History

8.4.
   A. Identify and explain how individuals and groups made significant political and cultural contributions to world history.
Lesson: MODERN AND CONTEMPORARY ART

PA Standards for Arts and Humanities

9.1.
   C. Develop and use fundamental art vocabulary.

9.3.
   A. Use critical processes in the examination of works of art:
      Compare and contrast
      Analyze
      Interpret
      Form and test hypotheses
      Evaluate/form judgments
   B. Explore the arts elements, principles and concepts.
   F. Examine similar and different characteristics among works of art.

9.4.
   B. Communicate and support an informed opinion about the meaning of works of art.
   D. Recognize that artists communicate ideas through works of art.

PA Standards for Reading, Writing, Speaking and Listening

1.6.
   D. Contribute to discussions: respond with appropriate information and opinions; ask relevant questions.

PA Standards for History

8.4.
   A. Identify and explain how individuals and groups made significant political and cultural contributions to world history.

Provided by the Philadelphia Museum of Art.
The Museum is not responsible for this content as these are state standards (August 2009).
Lesson: ISLAMIC ART

PA Standards for Arts and Humanities

9.1.
   C. Develop and use fundamental art vocabulary.

9.3.
   A. Use critical processes in the examination of works of art:
      Compare and contrast
      Analyze
      Interpret
      Form and test hypotheses
      Evaluate/form judgments
   
   B. Explore the arts elements, principles and concepts.
   
   F. Examine similar and different characteristics among works of art.

9.4.
   B. Communicate and support an informed opinion about the meaning of works of art.
   
   D. Recognize that artists communicate ideas through works of art.

PA Standards for Reading, Writing, Speaking and Listening

1.6
   D. Contribute to discussions: respond with appropriate information and opinions; ask relevant questions.

PA Standards for History

8.4.
   A. Identify and explain how individuals and groups made significant political and cultural contributions to world history.
Lesson: ART OF ASIA

PA Standards for Arts and Humanities

9.1.  
   C. Develop and use fundamental art vocabulary.

9.3.  
   A. Use critical processes in the examination of works of art:  
      Compare and contrast  
      Analyze  
      Interpret  
      Form and test hypotheses  
      Evaluate/form judgments

   B. Explore the arts elements, principles and concepts.

   F. Examine similar and different characteristics among works of art.

9.4.  
   B. Communicate and support an informed opinion about the meaning of works of art.

   D. Recognize that artists communicate ideas through works of art.

PA Standards for Reading, Writing, Speaking and Listening

1.6.  
   D. Contribute to discussions: respond with appropriate information and opinions; ask relevant questions.

PA Standards for History

8.4.  
   A. Identify and explain how individuals and groups made significant political and cultural contributions to world history.
Lesson: THE MIXED-UP FILES (grades 4–8)

PA Standards for Arts and Humanities

9.1.
   C. Develop and use fundamental art vocabulary.

9.3.
   A. Use critical processes in the examination of works of art:
      Compare and contrast
      Analyze
      Interpret
      Form and test hypotheses
      Evaluate/form judgments
   
   B. Explore the arts elements, principles and concepts.
   
   F. Examine similar and different characteristics among works of art.

9.4.
   B. Communicate and support an informed opinion about the meaning of works of art.
   
   D. Recognize that artists communicate ideas through works of art.

PA Standards for Reading, Writing, Speaking and Listening

1.6.
   D. Contribute to discussions: respond with appropriate information and opinions; ask relevant questions.
Lesson: CHASING VERMEER (grades 5–8)

PA Standards for Arts and Humanities

9.1. C. Develop and use fundamental art vocabulary.

9.3. A. Use critical processes in the examination of works of art:
   - Compare and contrast
   - Analyze
   - Interpret
   - Form and test hypotheses
   - Evaluate/form judgments

   B. Explore the arts elements, principles and concepts.

   F. Examine similar and different characteristics among works of art.

9.4. B. Communicate and support an informed opinion about the meaning of works of art.

   D. Recognize that artists communicate ideas through works of art.

PA Standards for Reading, Writing, Speaking and Listening

1.6. D. Contribute to discussions: respond with appropriate information and opinions; ask relevant questions.
Lesson: THE ARTIST AND SOCIETY (grades 9–12)

PA Standards for Arts and Humanities

9.1.  
   C. Develop and use fundamental art vocabulary.

9.3.  
   A. Use critical processes in the examination of works of art:  
      Compare and contrast  
      Analyze  
      Interpret  
      Form and test hypotheses  
      Evaluate/form judgments  
   
   B. Explore the arts elements, principles and concepts.
   
   F. Examine similar and different characteristics among works of art.

9.4.  
   B. Communicate and support an informed opinion about the meaning of works of art.
   
   D. Recognize that artists communicate ideas through works of art.

PA Standards for History

8.4.  
   A. Identify and explain how individuals and groups made significant political and cultural contributions to world history: Africa, Americas, Asia, and Europe.
   
   C. Analyze how continuity and change throughout history have impacted belief systems and religions, commerce and industry, innovations, social organization, transportation and roles of women.
   
   E. Analyze how conflict and cooperation among social groups and organizations impacted world history.

PA Standards for Reading, Writing, Speaking and Listening

1.6.  
   D. Contribute to discussions: respond with appropriate information and opinions; ask relevant questions.

Provided by the Philadelphia Museum of Art.  
The Museum is not responsible for this content as these are state standards (August 2009).
Lesson:  TREASURES OF FRENCH, GERMAN, OR SPANISH ART  
(grades 9–12)

PA Standards for Arts and Humanities

9.1.
C. Develop and use fundamental art vocabulary.

9.3.
A. Use critical processes in the examination of works of art:
   Compare and contrast
   Analyze
   Interpret
   Form and test hypotheses
   Evaluate/form judgments

B. Explore the arts elements, principles and concepts.

F. Examine similar and different characteristics among works of art.

9.4.
B. Communicate and support an informed opinion about the meaning of works of art.

D. Recognize that artists communicate ideas through works of art.

PA Standards for Reading, Writing, Speaking and Listening

1.6.
D. Contribute to discussions: respond with appropriate information and opinions; ask relevant questions.

PA Standards for History

8.4.
A. Identify and explain how individuals and groups made significant political and cultural contributions to world history.

Provided by the Philadelphia Museum of Art.
The Museum is not responsible for this content as these are state standards (August 2009).
Lesson: DRAWING AND DISCOVERY (grades 5–12)

PA Standards for Arts and Humanities

9.1.
C. Develop and use fundamental art vocabulary.

9.3.
A. Use critical processes in the examination of works of art:
   - Compare and contrast
   - Analyze
   - Interpret
   - Form and test hypotheses
   - Evaluate/form judgments

B. Explore the arts elements, principles and concepts.

F. Examine similar and different characteristics among works of art.

9.4.
B. Communicate and support an informed opinion about the meaning of works of art.

D. Recognize that artists communicate ideas through works of art.

PA Standards for Reading, Writing, Speaking and Listening

1.6.
D. Contribute to discussions: respond with appropriate information and opinions; ask relevant questions.
Lesson: CHEMISTRY OF METALWORK (grades 9–12)

PA Standards for Arts and Humanities

9.1.
   C. Develop and use fundamental art vocabulary.

9.3.
   A. Use critical processes in the examination of works of art:
      Compare and contrast
      Analyze
      Interpret
      Form and test hypotheses
      Evaluate/form judgments

   B. Explore the arts elements, principles and concepts.

   F. Examine similar and different characteristics among works of art.

9.4.
   B. Communicate and support an informed opinion about the meaning of works of art.

   D. Recognize that artists communicate ideas through works of art.

PA Standards for Reading, Writing, Speaking and Listening

1.6.
   D. Contribute to discussions: respond with appropriate information and opinions; ask relevant questions.

PA Standards for Science & Technology

3.2.
   A. Apply knowledge and understanding about the nature of scientific and technological knowledge.

   B. Describe materials using precise quantitative and qualitative skills based on observations.

3.4.
   A. Explain and apply concepts about the structure and properties of matter.

Provided by the Philadelphia Museum of Art.
The Museum is not responsible for this content as these are state standards (August 2009).