

APPENDIX F. Connections Between the Studio Thinking Framework and the National Core Arts Standards

The Studio Thinking framework is parallel in striking ways to the National Core Arts Standards (National Coalition of Core Arts Standards, 2014). Indeed, *Studio Thinking: The Real Benefits of Visual Art Education* (Hetland et al., 2007) was one of the resources used by the committee that created the standards. We have created a table that provides a “crosswalk” from the National Core Arts Standards for Visual Arts to the Studio Habits of Mind. In using this table, teachers can start from whichever approach is most comfortable and familiar to them—the standards or the Studio Habits. We do not address the Studio Structures in the table, since every structure can be used to address any of the standards.

HOW TO READ THE TABLE

The Artistic Processes and Anchor Standards of the National Core Arts Standards for Visual Arts (NCAS) appear in gray bands extending across the table. The individual NCAS Standards, with their Enduring Understandings and Essential Questions, are listed in the left-hand column. The Studio Habits of Mind that are encompassed by the Enduring Understandings and Essential Questions for each Standard appear in the right-hand column. After each Studio Habit, we list (in italics and parentheses) the corresponding wording from the NCAS Enduring Understandings and Essential Questions.

References

- Hetland, L., Winner, E., Veenema, S., & Sheridan, K. (2007). *Studio thinking: The real benefits of visual art education*. New York, NY: Teachers College Press.
- National Coalition of Core Arts Standards. (2014). National Core Arts Standards. Available at <http://www.nationalartsstandards.org/>

National Core Arts Standards (NCAS)	Studio Habits of Mind
<p>NCAS Artistic Process: Creating NCAS Anchor Standard: 1. Generate and conceptualize artistic ideas and work</p>	
<p>Standard: VA:Cr1.1</p> <p>Enduring Understanding: <i>Creativity and innovative thinking are essential life skills that can be developed.</i></p> <p>Essential Questions: What conditions, attitudes, and behaviors support <i>creativity</i> and <i>innovative thinking</i>? What factors prevent or encourage people to take <i>creative risks</i>? How does <i>collaboration</i> expand the creative process?</p>	<p>Engage & Persist (<i>life skills that can be developed</i>)</p> <p>Stretch & Explore (<i>creativity; innovative thinking; creative risks</i>)</p> <p>Understand Art Worlds: Communities (<i>collaboration</i>)</p>
<p>Standard: VA:Cr1.2</p> <p>Enduring Understanding: Artists and designers <i>shape artistic investigations</i>, following or <i>breaking with traditions</i> in <i>pursuit of creative art-making goals</i>.</p> <p>Essential Questions: How does <i>knowing the contexts, histories, and traditions of art forms</i> help us create works of art and design? Why do artists <i>follow or break from established traditions</i>? How do artists determine what <i>resources</i> and <i>criteria</i> are needed to formulate <i>artistic investigations</i>?</p>	<p>Engage & Persist (<i>pursuit of creative art-making goals</i>)</p> <p>Envision (<i>shape artistic investigations</i>)</p> <p>Express (<i>shape artistic investigations</i>)</p> <p>Reflect (<i>shape artistic investigations; criteria</i>)</p> <p>Stretch & Explore (<i>breaking with traditions; creative art-making</i>)</p> <p>Understand Art Worlds: Domain (<i>knowing the contexts, histories, and traditions of art forms; follow established or break from traditions; resources</i>)</p> <p>Understand Art Worlds: Communities (<i>artistic investigations</i>)</p>

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National Core Arts Standards (NCAS)	Studio Habits of Mind
<p>NCAS Artistic Process: Creating NCAS Anchor Standard: 2. Organize and develop artistic ideas and work.</p>	
<p>Standard: VA:Cr2.1</p> <p>Enduring Understanding: Artists and designers experiment with forms, structures, materials, concepts, media, and art-making approaches.</p> <p>Essential Questions: How do artists work? How do artists and designers determine whether a particular direction in their work is effective? How do artists and designers learn from trial and error?</p>	<p>Develop Craft: Technique (<i>forms; structures; materials; media</i>)</p> <p>Envision (<i>determine . . . a particular direction</i>)</p> <p>Express (<i>concepts; art-making approaches</i>)</p> <p>Reflect: Question & Explain; Evaluate (<i>How do artists and designers determine whether a particular direction in their work is effective?</i>)</p> <p>Stretch & Explore (<i>experiment; learn from trial and error</i>)</p>
<p>Standard: VA:Cr2.2</p> <p>Enduring Understanding: Artists and designers balance experimentation and safety, freedom and responsibility while developing and creating artworks.</p> <p>Essential Questions: How do artists and designers care for and maintain materials, tools, and equipment? Why is it important for safety and health to understand and follow correct procedures in handling materials, tools, and equipment? What responsibilities come with the freedom to create?</p>	<p>Develop Craft: Technique (<i>developing and creating artworks; understand and follow correct procedures in handling materials, tools, and equipment</i>)</p> <p>Develop Craft: Studio Practice (<i>safety; care for and maintain materials, tools, and equipment; safety and health</i>)</p> <p>Stretch & Explore (<i>experimentation; freedom</i>)</p> <p>Understand Art Worlds: Community (<i>balance . . . freedom and responsibility; What responsibilities come with the freedom to create?</i>)</p>
<p>Standard: VA:Cr2.3</p> <p>Enduring Understanding: People create and interact with objects, places, and design that define, shape, enhance, and empower their lives.</p> <p>Essential Questions: How do objects, places, and design shape lives and communities? How do artists and designers determine goals for designing or redesigning objects, places, or systems? How do artists and designers create works of art or design that effectively communicate?</p>	<p>Develop Craft: Technique (<i>create and interact with objects, places, and design; create works of art or design</i>)</p> <p>Envision (<i>determine goals for designing or redesigning objects, places, or systems</i>)</p> <p>Express (<i>interact with objects . . . that define, shape, enhance, and empower their lives; create works of art or design that effectively communicate</i>)</p> <p>Understand Art Worlds: Communities (<i>define, shape, enhance, and empower their lives; How do objects, places, and design shape lives and communities?</i>)</p>

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National Core Arts Standards (NCAS)	Studio Habits of Mind
<p>NCAS Artistic Process: Creating NCAS Anchor Standard: 3. Refine and complete artistic work.</p>	
<p>Standard: VA:Cr3.1</p> <p>Enduring Understanding: Artists and designers develop excellence through practice and constructive criticism, reflecting on, revising, and refining work over time.</p> <p>Essential Questions: <i>What role does persistence play in revising, refining, and developing work? How do artists grow and become accomplished in art forms? How does collaboratively reflecting on a work help us experience it more completely?</i></p>	<p>Develop Craft: Technique (<i>develop excellence through practice; revising, and refining work; become accomplished in art forms</i>)</p> <p>Engage & Persist (<i>What role does persistence play in revising, refining, and developing work? refining work over time</i>)</p> <p>Reflect: Question & Explain (<i>constructive criticism, reflecting on, revising; How do artists grow . . .? collaboratively reflecting</i>)</p> <p>Understand Art Worlds: Communities (<i>collaboratively reflecting</i>)</p>
<p>NCAS Artistic Process: Presenting NCAS Anchor Standard: 4. Select, analyze, and interpret artistic work for presentation.</p>	
<p>Standard: VA:Pr4.1</p> <p>Enduring Understanding: Artists and other presenters consider various techniques, methods, venues, and criteria when analyzing, selecting, and curating objects, artifacts, and artworks for preservation and presentation.</p> <p>Essential Questions: <i>How are artworks cared for and by whom? What criteria, methods, and processes are used to select work for preservation or presentation? Why do people value objects, artifacts, and artworks, and select them for presentation?</i></p>	<p>Develop Craft: Technique (<i>consider various techniques, methods . . . for preservation [e.g., spraying with fixative]</i>)</p> <p>Develop Craft: Studio Practice (<i>How are artworks cared for . . .? [e.g., storing them flat and unrumpled]</i>)</p> <p>Reflect: Evaluate (<i>consider various techniques, methods, venues, and criteria when analyzing, selecting, and curating objects, artifacts, and artworks; What criteria, methods, and processes are used to select work for preservation or presentation? Why do people value objects, artifacts, and artworks, and select them for presentation?</i>)</p> <p>Understand Art Worlds: Domain (<i>by whom; objects, artifacts, and artworks; preservation and presentation</i>)</p>

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National Core Arts Standards (NCAS)	Studio Habits of Mind
<p>NCAS Artistic Process: Presenting NCAS Anchor Standard: 5. Develop and refine artistic techniques and work for presentation.</p>	
<p>Standard: VA:Pr5.1</p> <p>Enduring Understanding: <i>Artists, curators, and others consider a variety of factors and methods including evolving technologies when preparing and refining artwork for display and or when deciding if and how to preserve and protect it.</i></p> <p>Essential Questions: <i>What methods and processes are considered when preparing artwork for presentation or preservation? How does refining artwork affect its meaning to the viewer? What criteria are considered when selecting work for presentation, a portfolio, or a collection?</i></p>	<p>Develop Craft: Technique <i>(consider a variety of factors and methods including evolving technologies when preparing and refining artwork for display and or when deciding if and how to preserve and protect it; What methods and processes are considered when preparing artwork for presentation or preservation?)</i></p> <p>Express <i>(How does refining artwork affect its meaning to the viewer?)</i></p> <p>Reflect: Evaluate <i>(deciding if and how to preserve and protect it; What criteria are considered when selecting work for presentation, a portfolio, or a collection?)</i></p> <p>Understand Art Worlds: Domain <i>(artists, curators, and others; the viewer)</i></p>
<p>NCAS Artistic Process: Presenting NCAS Anchor Standard: 6. Convey meaning through the presentation of artistic work.</p>	
<p>Standard: VA:Pr6.1</p> <p>Enduring Understanding: <i>Objects, artifacts, and artworks collected, preserved, or presented either by artists, museums, or other venues communicate meaning and a record of social, cultural, and political experiences resulting in the cultivating of appreciation and understanding.</i></p> <p>Essential Questions: <i>What is an art museum? How does the presenting and sharing of objects, artifacts, and artworks influence and shape ideas, beliefs, and experiences? How do objects, artifacts, and artworks collected, preserved, or presented, cultivate appreciation and understanding?</i></p>	<p>Express <i>(communicate meaning; How does the presenting and sharing of objects, artifacts, and artworks influence and shape ideas, beliefs, and experiences?)</i></p> <p>Understand Art Worlds <i>(objects, artifacts, and artworks collected, preserved, or presented either by artists, museums, or other venues; artworks collected, preserved, or presented either by artists, museums . . . a record of social, cultural, and political experiences resulting in the cultivating of appreciation and understanding; What is an art museum? How do objects, artifacts, and artworks collected, preserved, or presented, cultivate appreciation and understanding?)</i></p>

National Core Arts Standards (NCAS)	Studio Habits of Mind
<p>NCAS Artistic Process: Responding NCAS Anchor Standard: 7. Perceive and analyze artistic work.</p>	
<p>Standard: VA:Re7.1</p> <p>Enduring Understanding: <i>Individual aesthetic and empathic awareness developed through engagement can lead to understanding and appreciation of self, others, the natural world, and constructed environments.</i></p> <p>Essential Questions: <i>How do life experiences influence the way you relate to art? How does learning about art impact how we perceive the world? What can we learn from our responses to art?</i></p>	<p>Engage & Persist (<i>developed through engagement</i>)</p> <p>Observe (<i>How does learning about art impact how we perceive the world?</i>)</p> <p>Reflect: Evaluate (<i>individual aesthetic and empathic awareness; understanding and appreciation</i>)</p> <p>Reflect: Question & Explain (<i>How do life experiences influence the way you relate to art? What can we learn from our responses to art?</i>)</p> <p>Understand Art Worlds: Communities <i>(understanding and appreciation of self, others, the natural world, and constructed environments)</i></p>
<p>Standard: VA:Re7.2</p> <p>Enduring Understanding: <i>Visual imagery influences understanding and responses to the world.</i></p> <p>Essential Questions: <i>What is an image? Where and how do we encounter images in our world? How do images influence our views of the world?</i></p>	<p>Observe (<i>visual imagery; How do images influence our views of the world?</i>)</p> <p>Understand Art World: Domain (<i>understanding and responses to the world; What is an image? Where and how do we encounter images in our world? How do images influence our views of the world?</i>)</p>
<p>NCAS Artistic Process: Responding NCAS Anchor Standard: 8. Interpret intent and meaning in artistic work.</p>	
<p>Standard: VA:Re8.1</p> <p>Enduring Understanding: <i>People gain insights into meanings of artworks by engaging in the process of art criticism.</i></p> <p>Essential Questions: <i>What is the value of engaging in the process of art criticism? How can the viewer “read” a work of art as text? How does knowing and using visual art vocabularies help us understand and interpret works of art?</i></p>	<p>Engage & Persist (<i>engaging in the process</i>)</p> <p>Express (<i>people gain insights into meanings of artworks by engaging in the process of art criticism; How can the viewer “read” a work of art as text? How does knowing and using visual art vocabularies help us understand and interpret works of art?</i>)</p> <p>Reflect: Evaluate (<i>What is the value of engaging in the process of art criticism? understand and interpret</i>)</p>

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National Core Arts Standards (NCAS)	Studio Habits of Mind
<p>NCAS Artistic Process: Responding NCAS Anchor Standard: 9. Apply criteria to evaluate artistic work.</p>	
<p>Standard: VA:Re9.1</p> <p>Enduring Understanding: <i>People evaluate art based on various criteria.</i></p> <p>Essential Questions: <i>How does one determine criteria to evaluate a work of art? How and why might criteria vary? How is a personal preference different from an evaluation?</i></p>	<p>Reflect: Evaluate <i>(people evaluate art based on various criteria; How does one determine criteria to evaluate a work of art? How and why might criteria vary? How is personal preference different from an evaluation?)</i></p>
<p>NCAS Artistic Process: Connecting NCAS Anchor Standard: 10. Synthesize and relate knowledge and personal experiences to make art.</p>	
<p>Standard: VA:Cn10.1</p> <p>Enduring Understanding: <i>Through art-making, people make meaning by investigating and developing awareness of perceptions, knowledge, and experiences.</i></p> <p>Essential Questions: <i>How does engaging in creating art enrich people's lives? How does making art attune people to their surroundings? How do people contribute to awareness and understanding of their lives and the lives of their communities through art-making?</i></p>	<p>Develop Craft: Technique <i>(through art-making; making art)</i></p> <p>Engage & Persist <i>(engaging in creating art)</i></p> <p>Express <i>(make meaning by investigating and developing awareness; understanding . . . through art-making)</i></p> <p>Observe <i>(developing awareness of perceptions; How does making art attune people to their surroundings?)</i></p> <p>Reflect: Question & Explain <i>(investigating and developing awareness of perceptions, knowledge, and experiences)</i></p> <p>Understand Art Worlds: Domain <i>(How does engaging in creating art enrich people's lives? How does making art attune people to their surroundings? How do people contribute to awareness and understanding of their lives and the lives of their communities through art-making?)</i></p> <p>Understand Art Worlds: Communities <i>(How do people contribute to awareness and understanding of their lives and the lives of their communities through art-making?)</i></p>

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National Core Arts Standards (NCAS)	Studio Habits of Mind
<p>NCAS Artistic Process: Connecting NCAS Anchor Standard: 11. Relate artistic ideas and works with societal, cultural, and historical context to deepen understanding.</p>	
<p>Standard: VA:Cn11.1</p> <p>Enduring Understanding: <i>People develop ideas and understandings of society, culture, and history through their interactions with and analysis of art.</i></p> <p>Essential Questions: <i>How does art help us to understand the lives of people of different times, places, and cultures? How is art used to impact the views of a society? How does art preserve aspects of life?</i></p>	<p>Express (<i>people develop ideas</i>)</p> <p>Reflect: Question & Explain (<i>How does art help us to understand . . . ?</i>)</p> <p>Reflect: Evaluate (<i>understandings . . . through . . . interactions with and analysis of art</i>)</p> <p>Understand Art Worlds: Domain (<i>How does art help us to understand the lives of people of different times, places, and cultures? How is art used to impact the views of a society?</i>)</p> <p>Understand Art Worlds: Community (<i>How is art used to impact the views of a society? How does art preserve aspects of life?</i>)</p>

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