

Unit 1 - Practice Copied from: AP Art & Design, Copied on: 12/15/21

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Department of Curriculum and Instruction



Belleville Public Schools

Curriculum Guide

AP Art and Design - Grade 12

Practice

Belleville Board of Education

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The AP Art and Design program consists of three different courses and AP Portfolio Exams - AP 2-D Art and Design, AP 3-D Art and Design, and AP Drawing - corresponding to college and university foundations courses. Students may choose to submit one or all of the AP Portfolio Exams.

The AP Art and Design course content presents an inquiry-based approach to learning about and making art and design. Students are expected to conduct an in-depth, sustained investigation of materials, processes, and ideas. The content focuses on concepts and skills emphasized within college art and design foundations courses with the same intent: to help students become inquisitive, thoughtful artists and designers able to articulate information about their work. AP Art and Design students develop and apply skills of inquiry and investigation, practice, experimentation, revision, communication, and reflection.

Unit Overview

1. Discover the diversity in and connections among forms of artistic expression throughout history and from around the globe.
2. Learn how people have responded to and communicated their experiences through art making by exploring art in its historic and cultural contexts.
3. Welcome students into the global art world as active participants, engaging with its forms and content as they research, discuss, read, write and create art and interpretations of art.

4. Explore form and function with the development of deep conceptual understandings and skills.

5. Make works of art and design by practicing.

Enduring Understanding

EU1 Creativity and innovative thinking are essential life skills that can be developed.

EU2 Artists and designers experiment with forms, structures, materials, concepts, media, and art-making approaches.

EU3 Artists and designers develop excellence through practice and constructive critique, reflecting on, revising, and refining work over time.

EU4 Objects, artifacts, and artworks collected, preserved, or presented either by artists, museum, or other venues communicate meaning and a record of social, cultural, and political experiences resulting in the cultivating of appreciation and understanding.

EU5 Visual imagery influences understand of and responses to the world.

EU6 Through art making, people make meaning by investigating and developing awareness of perceptions, knowledge, and experiences.

EU7a Artists' and designers' work is often driven by inquiry.

EU7b Artists and designers generate questions related to their experiences.

EU8a Artists' and designers' experiences inform their thinking and making.

EU8b Artists and designers use practice, experimentation and revision to investigate how materials, processes, and ideas within a work relate to each other, to art and design traditions, and to other disciplines.

EU9a Artists and designers make choices about how they present their work.

EU9b Understanding viewer interpretations can inform thinking and making.

Essential Questions

EQ1 What conditions, attitudes, and behaviors support creativity and innovative thinking?

EQ2 How do artists work?

EQ3 What role does persistence play?

EQ4 What is an art museum?

EQ5 What is an image?

EQ6 How does engaging in creating art enrich people's lives?

EQ7 How do artists and designers make works of art and design?

EQ8 What informs why, how, and what artists and designers make?

EQ9 Why and how do artists and designers present their work to viewers?

Exit Skills

By the end of Unit 1:

Creating:

- Visualize and hypothesize to generate plans for ideas and directions for creating art and design that can affect social change.
- Choose from a range of materials and methods of traditional and contemporary artistic practices, following or breaking established conventions, to plan the making of multiple works of art and design based on a theme, idea, or concept.
- Experiment, plan, and make multiple works of art and design that explore a personally meaningful theme, idea, or concept.
- Demonstrate understanding of the importance of balancing freedom and responsibility in the use of images, materials, tools, and equipment in the creation and circulation of creative work.
- Demonstrate in works of art or design how visual and material culture defines, shapes, enhances, inhibits, and/or empowers people's lives.
- Reflect on, reengage, revise, and refine works of art or design considering relevant traditional and contemporary criteria as well as personal artistic vision.

Presenting:

- Critique, justify, and present choices in the process of analyzing, selecting, curating, and presenting artwork for a specific exhibit or event.
- Investigate, compare, and contrast methods for preserving and protecting art.

- Curate a collection of objects, artifacts, or artwork to impact the viewer’s understanding of social, cultural, and/or political experiences.

Responding:

- Analyze how responses to art develop over time based on knowledge of and experience with art and life.
- Determine the commonalities within a group of artists or visual images attributed to a particular type of art, timeframe, or culture.
- Analyze differing interpretations of an artwork or collection of works in order to select and defend a plausible critical analysis.
- Construct evaluations of a work of art or collection of works based on differing sets of criteria.

Connecting

- Synthesize knowledge of social, cultural, historical, and personal life with art-making approaches to create meaningful works of art or design.
- * Appraise the impact of an artist or a group of artists on the beliefs, values, and behaviors of a society.

New Jersey Student Learning Standards (NJSL-S)

VPA.1.1.12.D.1	Distinguish innovative applications of the elements of art and principles of design in visual artworks from diverse cultural perspectives and identify specific cross-cultural themes.
VPA.1.1.12.D.CS1	Common themes exist in artwork from a variety of cultures across time and are communicated through metaphor, symbolism, and allegory.
VPA.1.2.12.A.1	Determine how dance, music, theatre, and visual art have influenced world cultures throughout history.
VPA.1.2.12.A.2	Justify the impact of innovations in the arts (e.g., the availability of music online) on societal norms and habits of mind in various historical eras.

VPA.1.2.12.A.CS2	Access to the arts has a positive influence on the quality of an individual's lifelong learning, personal expression, and contributions to community and global citizenship.
VPA.1.3.12.D.1	Synthesize the elements of art and principles of design in an original portfolio of two- and three-dimensional artworks that reflects personal style and a high degree of technical proficiency and expressivity.
VPA.1.3.12.D.2	Produce an original body of artwork in one or more art mediums that demonstrates mastery of visual literacy, methods, techniques, and cultural understanding.
VPA.1.3.12.D.5	Identify the styles and artistic processes used in the creation of culturally and historically diverse two- and three-dimensional artworks, and emulate those styles by creating an original body of work.
VPA.1.3.12.D.CS1	How individuals manipulate the elements of art and principles of design results in original portfolios that reflect choice and personal stylistic nuance.
VPA.1.3.12.D.CS2	Culturally and historically diverse art media, art mediums, techniques, and styles impact originality and interpretation of the artistic statement.
VPA.1.3.12.D.CS4	Artists interpret/render themes using traditional art media and methodologies as well as new art media and methodologies.
VPA.1.3.12.D.CS5	Two- and three-dimensional artworks can be rendered culturally specific by using the tools, techniques, styles, materials, and methodologies that are germane to a particular cultural style.
VPA.1.4.12.A.1	Use contextual clues to differentiate between unique and common properties and to discern the cultural implications of works of dance, music, theatre, and visual art.
VPA.1.4.12.A.4	Evaluate how exposure to various cultures influences individual, emotional, intellectual, and kinesthetic responses to artwork.
VPA.1.4.12.A.CS1	Recognition of fundamental elements within various arts disciplines (dance, music, theatre, and visual art) is dependent on the ability to decipher cultural implications embedded in artworks.
VPA.1.4.12.A.CS4	Criteria for assessing the historical significance, craftsmanship, cultural context, and originality of art are often expressed in qualitative, discipline-specific arts terminology.
VPA.1.4.12.B.1	Formulate criteria for arts evaluation using the principles of positive critique and observation of the elements of art and principles of design, and use the criteria to evaluate works of dance, music, theatre, visual, and multimedia artwork from diverse cultural contexts and historical eras.
VPA.1.4.12.B.CS1	Archetypal subject matter exists in all cultures and is embodied in the formal and informal aspects of art.

Interdisciplinary Connections

MA.G-CO.A.1	Know precise definitions of angle, circle, perpendicular line, parallel line, and line segment, based on the undefined notions of point, line, distance along a line, and distance around a circular arc.
LA.RH.11-12.1	Accurately cite strong and thorough textual evidence, (e.g., via discussion, written response, etc.), to support analysis of primary and secondary sources, connecting insights gained from specific details to develop an understanding of the text as a whole.

LA.RST.11-12.1	Accurately cite strong and thorough evidence from the text to support analysis of science and technical texts, attending to precise details for explanations or descriptions.
LA.RST.11-12.2	Determine the central ideas, themes, or conclusions of a text; summarize complex concepts, processes, or information presented in a text by paraphrasing them in simpler but still accurate terms.
LA.RST.11-12.10	By the end of grade 12, read and comprehend science/technical texts in the grades 11-CCR text complexity band independently and proficiently.
SOC.6.1.12.D.1	History, Culture, and Perspectives
SOC.6.1.12.D.2	History, Culture, and Perspectives
SOC.6.1.12.D.3	History, Culture, and Perspectives
SOC.9-12.1.3.2	Evaluate sources for validity and credibility and to detect propaganda, censorship, and bias.

Learning Objectives

1. Define artwork that communicates personal opinions, thoughts, and ideas that emphasize the elements of design organized using the principles of design.
2. Define, plan, and provide solutions to design problems.
3. Differentiate how various artists and cultural resources influence printmaking.
4. Identify differentiated components of form, function, content and/or context of a work of art.
5. Produce original works of art using elements and principles of art.
6. Compare and contrast innovative applications of line as an element of art.
7. Recognize the famous artists who employed these techniques.
8. Create original works of art using elements and principles of art.
9. Compare and contrast innovative applications of line as an element of art.
10. Differentiate between objective and subjective thoughts.
11. Identify ground-breaking uses of space in traditional and new mediums and experiment with new approaches to portraying positive and negative space in art installation or new media artwork.
12. Incorporate proper use of vocabulary throughout the printing process.
13. Document experiences to generate possibilities for making art and design.
14. Formulate questions that guide a sustained investigation through art and design.
15. Make works of art and design that demonstrate synthesis of materials, processes, and ideas.
16. Describe how works of art and design demonstrate 2-D, 3-D, or drawing skills.
17. Document presentation of works of art and design for viewer interpretation.

Action Verbs: Below are examples of action verbs associated with each level of the Revised Bloom's Taxonomy.

Remember	Understand	Apply	Analyze	Evaluate	Create
Choose	Classify	Choose	Categorize	Appraise	Combine
Describe	Defend	Dramatize	Classify	Judge	Compose
Define	Demonstrate	Explain	Compare	Criticize	Construct
Label	Distinguish	Generalize	Differentiate	Defend	Design
List	Explain	Judge	Distinguish	Compare	Develop
Locate	Express	Organize	Identify	Assess	Formulate
Match	Extend	Paint	Infer	Conclude	Hypothesize
Memorize	Give Examples	Prepare	Point out	Contrast	Invent
Name	Illustrate	Produce	Select	Critique	Make
Omit	Indicate	Select	Subdivide	Determine	Originate
Recite	Interrelate	Show	Survey	Grade	Organize
Select	Interpret	Sketch	Arrange	Justify	Plan
State	Infer	Solve	Breakdown	Measure	Produce
Count	Match	Use	Combine	Rank	Role Play
Draw	Paraphrase	Add	Detect	Rate	Drive
Outline	Represent	Calculate	Diagram	Support	Devise
Point	Restate	Change	Discriminate	Test	Generate
Quote	Rewrite	Classify	Illustrate		Integrate
Recall	Select	Complete	Outline		Prescribe
Recognize	Show	Compute	Point out		Propose
Repeat	Summarize	Discover	Separate		Reconstruct
Reproduce	Tell	Divide			Revise
	Translate	Examine			Rewrite
	Associate	Graph			Transform
	Compute	Interpolate			
	Convert	Manipulate			
	Discuss	Modify			
	Estimate	Operate			
	Extrapolate	Subtract			
	Generalize				
	Predict				



Suggested Activities & Best Practices

Examples of Suggested Activities could include:

- Read ScholasticArt magazine
- Practice creating value/tone in various pen & ink techniques
- Create your own personal design question to be answered through investigation
- Demonstrate and display objects for the understanding of spatial relationships, proportions, ratios
- Create a sustained investigation involving a specific material or technique.
- Critical thinking in conjunction with fundamental techniques to achieve practical results
- Look for multiple answers to the same question.
- Visual examples with fine art references and exercises
- Use Quizlet to review appropriate vocabulary words for the unit
- Recognizes the learning styles of the students

Assessment Evidence - Checking for Understanding (CFU)

- Admit Tickets (formative assessment)
- Exit Tickets (formative assessment)
- Evaluation rubrics (alternative assessment)
- Journals (formative assessment)
- Explaining (formative assessment)
- Evaluate (formative assessment)
- Define (formative assessment)
- Describe (formative assessment)
- Create a Study Guide (alternative assessment)
- Teacher Daily Observations (formative assessment)
- Review Questions (formative assessment)
- Vocabulary (formative assessment)
- Summary Questions (summative assessment)
- Quizzes/Tests (summative assessment)
- Cooperative structured learning activities (formative assessment)
- Do-Now activities (formative assessment)
- Portfolio Review (summative assessment)

- Admit Tickets
- Anticipation Guide
- Common Benchmarks
- Compare & Contrast
- Create a Multimedia Poster
- DBQ's
- Define
- Describe
- Evaluate
- Evaluation rubrics
- Exit Tickets
- Explaining
- Fist- to-Five or Thumb-Ometer
- Illustration
- Journals
- KWL Chart
- Learning Center Activities
- Multimedia Reports
- Newspaper Headline
- Outline
- Question Stems

- Quickwrite
- Quizzes
- Red Light, Green Light
- Self- assessments
- Socratic Seminar
- Study Guide
- Surveys
- Teacher Observation Checklist
- Think, Pair, Share
- Think, Write, Pair, Share
- Top 10 List
- Unit review/Test prep
- Unit tests
- Web-Based Assessments
- Written Reports

Primary Resources & Materials

- Books: *Launching the Imagination: A Comprehensive Guide to Basic Design* by Mary Stewart
Design Through Discovery: The Elements and Principles by Marjorie Elliot Bevin
Art and Fear by David Bayles and Ted Orland
A Short Guide to Writing About Art by Sylvan Barnet
Artforms: Introduction to Visual Art by Patrick Frank and Sarah Preble
Art Across Time, Laurie Schneider Adams
On Becoming an Artist, Ellen Langer
The Business of Being an Artist, Daniel Grant
The Art of Critical Making: RISD on Creative Practice, Rosanne Somerson

Magazines: *Ceramics Monthly*

ScholasticArt: Conceptual Art

ScholasticArt: How to Read Art

Artist's Magazine

WebArt, webart.com

Ancillary Resources

- Hand-outs such as: Contemporary Art Practices, Srishti Institute of Art, Design, and Technology: srishti.ac.in/disciplines/contemporary-art-practices
- Historical and contemporary references such as Gustav Klimt: Rebel Artist, Tara Donovan, Julian Schnabel, El Anatsui
- Internet use for research, image boards such as Pinterest, blog sites

Technology Infusion

- Khan Academy
- Artsonia
- Google Institute
- Wikipedia
- Artweb
- Getty Institute of Discipline Based Art Education
- Sketchbook Express
- Quizlet
- Kahoot

Alignment to 21st Century Skills & Technology

Mastery and infusion of **21st Century Skills & Technology** and their Alignment to the core content areas is essential to student learning. The core content areas include:

- English Language Arts;
- Mathematics;
- Science and Scientific Inquiry (Next Generation);
- Social Studies, including American History, World History, Geography, Government and Civics, and Economics;
- World languages;
- Technology;
- Visual and Performing Arts.

CRP.K-12.CRP2.1	Career-ready individuals readily access and use the knowledge and skills acquired through experience and education to be more productive. They make connections between abstract concepts with real-world applications, and they make correct insights about when it is appropriate to apply the use of an academic skill in a workplace situation.
CRP.K-12.CRP7.1	Career-ready individuals are discerning in accepting and using new information to make decisions, change practices or inform strategies. They use reliable research process to search for new information. They evaluate the validity of sources when considering the use and adoption of external information or practices in their workplace situation.
CRP.K-12.CRP8.1	Career-ready individuals readily recognize problems in the workplace, understand the nature of the problem, and devise effective plans to solve the problem. They are aware of problems when they occur and take action quickly to address the problem; they thoughtfully investigate the root cause of the problem prior to introducing solutions. They carefully consider the options to solve the problem. Once a solution is agreed upon, they follow through to ensure the problem is solved, whether through their own actions or the actions of others.
CAEP.9.2.12.C.1	Review career goals and determine steps necessary for attainment.
CAEP.9.2.12.C.2	Modify Personalized Student Learning Plans to support declared career goals.
CAEP.9.2.12.C.7	Examine the professional, legal, and ethical responsibilities for both employers and employees in the global workplace.
TECH.8.1.12.B.CS2	Create original works as a means of personal or group expression.
TECH.8.1.12.C.CS1	Interact, collaborate, and publish with peers, experts, or others by employing a variety of digital environments and media.
TECH.8.1.12.E.CS2	Locate, organize, analyze, evaluate, synthesize, and ethically use information from a variety of sources and media.
TECH.8.1.12.E.CS3	Evaluate and select information sources and digital tools based on the appropriateness for specific tasks.

21st Century Skills/Interdisciplinary Themes

- Communication and Collaboration
- Creativity and Innovation
- Critical thinking and Problem Solving
- ICT (Information, Communications and Technology) Literacy
- Information Literacy
- Life and Career Skills
- Media Literacy

21st Century Skills

- Civic Literacy
- Environmental Literacy
- Financial, Economic, Business and Entrepreneurial Literacy
- Global Awareness
- Health Literacy

Differentiation

- Students will have the same subject matter but will have different outcomes.
 - Progress will be the same but the product will be different.
 - Guided instruction, direct instruction, group instruction.
 - Assist students with IEP & 504 guidelines.
 - Study guides, group and peer instruction, extended time/ test time, oral testing
 - Small group instruction
 - Small group assignments
 - Extra time to complete assignments
 - Pairing oral instruction with visuals
 - Repeat directions
 - Scheduled breaks
 - Rephrase written directions
-
- Alternative formative and summative assessment
 - Leveled rubrics
 - Project-based learning

- Exploration by interest
- Open-ended activities

Differentiations:

- Small group instruction
- Small group assignments
- Extra time to complete assignments
- Pairing oral instruction with visuals
- Repeat directions
- Use manipulatives
- Center-based instruction
- Token economy
- Study guides
- Teacher reads assessments allowed
- Scheduled breaks
- Rephrase written directions
- Multisensory approaches
- Additional time
- Preview vocabulary
- Preview content & concepts
- Story guides
- Behavior management plan
- Highlight text
- Student(s) work with assigned partner
- Visual presentation
- Assistive technology
- Auditory presentations
- Large print edition
- Dictation to scribe
- Small group setting

Hi-Prep Differentiations:

- Alternative formative and summative assessments
- Choice boards
- Games and tournaments
- Group investigations
- Guided Reading
- Independent research and projects
- Interest groups
- Learning contracts
- Leveled rubrics
- Literature circles
- Multiple intelligence options
- Multiple texts
- Personal agendas
- Project-based learning
- Problem-based learning

- Stations/centers
- Think-Tac-Toes
- Tiered activities/assignments
- Tiered products
- Varying organizers for instructions

Lo-Prep Differentiations

- Choice of books or activities
- Cubing activities
- Exploration by interest
- Flexible grouping
- Goal setting with students
- Jigsaw
- Mini workshops to re-teach or extend skills
- Open-ended activities
- Think-Pair-Share
- Reading buddies
- Varied journal prompts
- Varied supplemental materials

Special Education Learning (IEP's & 504's)

- additional time for skill mastery
- preview of content, concepts, and vocabulary
- behavior management plan
- have student repeat directions to check for understanding
- teacher initiated weekly assignment sheet
- assistive technology
- check work frequently for understanding
- secure attention before giving instruction/directions
- multi-sensory presentation
- preferential seating
- Reduced/shortened written assignments
- printed copy of board work/notes provided

- peer tutoring
- testing with counselor
 - printed copy of board work/notes provided
 - additional time for skill mastery
 - assistive technology
 - behavior management plan
 - Center-Based Instruction
 - check work frequently for understanding
 - computer or electronic device utilizes
 - extended time on tests/ quizzes
 - have student repeat directions to check for understanding
 - highlighted text visual presentation
 - modified assignment format
 - modified test content
 - modified test format
 - modified test length
 - multi-sensory presentation
 - multiple test sessions
 - preferential seating
 - preview of content, concepts, and vocabulary
 - Provide modifications as dictated in the student's IEP/504 plan
 - reduced/shortened reading assignments
 - Reduced/shortened written assignments
 - secure attention before giving instruction/directions
 - shortened assignments
 - student working with an assigned partner
 - teacher initiated weekly assignment sheet
 - Use open book, study guides, test prototypes

English Language Learning (ELL)

- using videos, illustrations, pictures, and drawings to explain or clarify
- teaching key aspects of a topic. Eliminate nonessential information
- having peers take notes or providing a copy of the teacher's notes
- providing study guides
- allowing students to correct errors (looking for understanding)
- reducing or omitting lengthy outside reading assignments
- allowing products (projects, timelines, demonstrations, models, drawings, dioramas, poster boards, charts, graphs, slide shows, videos, etc.) to demonstrate student's learning;
- provide an interpreter

- translate study guides

- teaching key aspects of a topic. Eliminate nonessential information
- using videos, illustrations, pictures, and drawings to explain or clarify
- allowing products (projects, timelines, demonstrations, models, drawings, dioramas, poster boards, charts, graphs, slide shows, videos, etc.) to demonstrate student's learning;
- allowing students to correct errors (looking for understanding)
- allowing the use of note cards or open-book during testing
- decreasing the amount of work presented or required
- having peers take notes or providing a copy of the teacher's notes
- modifying tests to reflect selected objectives
- providing study guides
- reducing or omitting lengthy outside reading assignments
- reducing the number of answer choices on a multiple choice test
- tutoring by peers
- using computer word processing spell check and grammar check features
- using true/false, matching, or fill in the blank tests in lieu of essay tests

At Risk

- decreasing the amount of work presented or required
 - using videos, illustrations, pictures, and drawings to explain or clarify
 - tutoring by peers
 - having peers take notes or providing a copy of the teacher's notes
 - providing study guides
 - allowing students to correct errors (looking for understanding)
 - marking students' correct and acceptable work, not the mistakes
 - reducing or omitting lengthy outside reading assignments
 - allowing products (projects, timelines, demonstrations, models, drawings, dioramas, poster boards, charts, graphs, slide shows, videos, etc.) to demonstrate student's learning
 - modifying tests to reflect selected objectives
 - allowing the use of note cards or open-book during tests
 - communicating printmaking lesson with counselor, parent/guardians
 - after school printmaking technique tutoring
 - extra one-on-one class time relating to printmaking
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- allowing students to correct errors (looking for understanding)
 - teaching key aspects of a topic. Eliminate nonessential information

- allowing products (projects, timelines, demonstrations, models, drawings, dioramas, poster boards, charts, graphs, slide shows, videos, etc.) to demonstrate student's learning
- allowing students to select from given choices
- allowing the use of note cards or open-book during testing
- collaborating (general education teacher and specialist) to modify vocabulary, omit or modify items to reflect objectives for the student, eliminate sections of the test, and determine how the grade will be determined prior to giving the test.
- decreasing the amount of work presented or required
- having peers take notes or providing a copy of the teacher's notes
- marking students' correct and acceptable work, not the mistakes
- modifying tests to reflect selected objectives
- providing study guides
- reducing or omitting lengthy outside reading assignments
- reducing the number of answer choices on a multiple choice test
- tutoring by peers
- using authentic assessments with real-life problem-solving
- using true/false, matching, or fill in the blank tests in lieu of essay tests
- using videos, illustrations, pictures, and drawings to explain or clarify

Talented and Gifted Learning (T&G)

Debate issues with research to support arguments

- Create a plan to solve an issue presented in the class or in a text
- Advanced problem-solving
- Higher order, critical & creative thinking skills, and discovery
- Teacher-selected instructional strategies that are focused to provide challenge, engagement, and growth opportunities
- Utilize project-based learning for greater depth of knowledge
- Allow students to work at a faster pace

Communicating with parent/guardian regarding after school printmaking classes

Communicating with parent/guardian regarding college opportunities

Offer after school printmaking art experiences in district

- Above grade level placement option for qualified students

- Advanced problem-solving
- Allow students to work at a faster pace
- Cluster grouping
- Complete activities aligned with above grade level text using Benchmark results
- Create a blog or social media page about their unit
- Create a plan to solve an issue presented in the class or in a text
- Debate issues with research to support arguments
- Flexible skill grouping within a class or across grade level for rigor
- Higher order, critical & creative thinking skills, and discovery
- Multi-disciplinary unit and/or project
- Teacher-selected instructional strategies that are focused to provide challenge, engagement, and growth opportunities
- Utilize exploratory connections to higher-grade concepts
- Utilize project-based learning for greater depth of knowledge

Sample Lesson

Unit Name: Practice Creating Value/Tone in Pen & Ink Renderings

NJSLS: VPA 1.1.12.D.CS2, 1.3.12.D.2, 1.4.12.A.2, 1.4.12.B.2, 1.3.12.D.1, 1.3.12.D.CS4, 1.4.12.A.3

Interdisciplinary Connection: TECH.8.1.12.B.CS2 - create original works as an individual or group

Statement of Objective: SWDAT Proficiency in creating value/tonne in pen & ink renderings by practicing value scales, reading informational text and sharing results in group discussions and critiques.

Anticipatory Set/Do Now: We know we can create value/tonne in pencil by blending. How do we create it if using pen & ink? What are your daily goals? How will you determine you met your goals for the week?

Learning Activity: Discussion on various pen & ink techniques while viewing examples. Demonstration of proper technique. Student practice in creating value scales using at least 3 different techniques. Students will then use these practiced techniques as part of their sustained investigation.

Student Assessment/CFU's: Class Participation/Discussion, Group Work, Teacher Observation, test/quiz, Project rubrics, critiques.

Materials: Books and hand-outs on various insects and amphibians, 12x18 white paper, pencils, erasers, extra-fine point pens

21st Century Themes and Skills: Communication and Collaboration, Creativity and Innovation, Critical Thinking and Problem Solving, Information Literacy, Media Literacy

Differentiation/Modifications: Added time to complete assignments, Independent research and projects, Modified expectations for task completion, Project-based learning, Reinforcing on-task behaviors and skill acquisition, repeat directions as needed.

Integration of Technology: Google Classroom, Access to internet for image references, Pinterest boards, drawing programs for the Ipad

