Florida Hard-to-Measure Content Areas

Visual Arts Test Item Specifications Three-Dimensional Studio Art 1



Florida Department of Education www.fldoe.org

NOTE: The contents of these item specifications documents were developed under a grant from the U. S. Department of Education. However, those contents do not necessarily represent the policy of the U. S. Department of Education, and you should not assume endorsement by the Federal Government.

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INTRODUCTION

On August 24, 2010, the U.S. Department of Education announced that Florida was a winner of the federal Race to the Top Phase 2 competition. An important component of Florida's winning application focused on the —Standards and Assessments" assurance area, including the creation of high-quality, balanced assessments. Included among the initiatives managed by the Office of Race to the Top (RTTT) Assessments were seven projects awarded to Local Education Agencies (LEAs) individually or in partnerships to create high-quality assessments for hard-to-measure content areas.

The Florida Department of Education sought and included recommendations from educators across the state, including the Florida Organization of Instructional Leaders (FOIL) and a State Advisory Committee on District-Developed Student Assessments for Instructional Effectiveness (DDSAIE), made up of parents, teachers, and district-level administrators, to determine the appropriate scope of work for assessments for the hard-to-measure content areas. Based on these recommendations, teacher assignment and student enrollment data were analyzed to determine the courses that will reach the greatest number of students and teachers in the hard-to-measure content areas. A Next Generation Sunshine State Standards (NGSSS) benchmark analysis was compiled for the selected content areas. Visual Arts was identified as a content area with courses having the greatest need for assessment development.

This project is intended to provide Florida public and charter school districts with an extensive bank of assessment items that are of high quality, are standards-based (NGSSS), and are vetted by Florida educators. When the item bank and test platform are fully operational, Florida public and charter school teachers and districts will have the ability to search the bank, export items, and generate customized assessments to meet their needs. In addition, a public level of practice items will be available to students and parents, which independent schools may access as well.

Mission Statement

Although not all benchmarks lend themselves to large-scale testing, successful schools recognize the need for students to master all of Florida's standards. The increased rigor exemplified in the NGSSS will enhance student performance in a rapidly advancing global environment.

Origin and Purpose of the Specifications

The LEAs of Miami-Dade County, Palm Beach County, Broward County, Leon County, Pinellas County, Polk County, and Lake County, along with the Florida Art Education Association, the Florida Department of Education (DOE), and committees of experienced Florida educators, developed and approved the *Specifications*. The *Specifications* is a resource that defines the content and format of the test and test items for item writers and reviewers. Each grade-level *Specifications* document indicates the alignment of the items with the NGSSS. It also provides all stakeholders with information about the scope of the Florida Visual Arts Item Bank.

Scope of This Document

The *Specifications* provides general and grade-specific guidelines for the development of all test items contained in the Florida Visual Arts Item Bank for grades K–12.

The Criteria for the Florida Visual Arts Items section addresses the general guidelines used to develop multiple-choice items, constructed-response items, technology-enhanced items, and performance tasks. The Cognitive Complexity of the Florida Visual Arts Items section addresses the various levels of cognitive complexity or depth of knowledge.

The Guide to the Grade Level Specifications section explains the visual arts benchmarks for which items were written and identifies the ways each benchmark is assessed. This section also provides content limits and stimulus attributes.

Overall Considerations

This section of the *Specifications* describes the guidelines that apply to all test items developed for the Visual Arts Item Bank.

Overall considerations are broad item-development guidelines that should be addressed during the development of test items for the Visual Arts Item Bank.

- Each multiple-choice item should be written to measure primarily one benchmark; however, other benchmarks may also be reflected in the item content.
- Constructed-response items, technology-enhanced items, and performance tasks may be written to reflect more than one benchmark.
- All items, regardless of the item format, should be grade-level appropriate in terms of cognitive demands and reading level.

- At a given grade, the items should exhibit a varied range of difficulty.
- The reading level of the items should be on or below the grade level of the students for whom they are intended. Items intended for kindergarten and firstgrade students should contain pictures for the multiple-choice options and provide for teachers and/or test administrators explicit directions that explain how the item stem and options should be read aloud.
- Items should not disadvantage or exhibit disrespect to anyone in regard to age, gender, race, ethnicity, language, religion, socioeconomic status, disability, occupation, or geographic region.
- Items should require students to apply skills previously taught in lower grades. Therefore, these skills will continue to be tested at higher grade levels.
- Some items may include an excerpt from stimulus material associated with several items in addition to the item stem.
- Items should provide clear, concise, and complete instructions to students.
- Each item should be written clearly and unambiguously to elicit the desired response.

REVIEW PROCEDURES FOR THE FLORIDA VISUAL ARTS ITEM BANK

Before being accepted into the Florida Visual Arts Item Bank, all graphics and items must pass several levels of review as part of Florida's development process. Florida educators in conjunction with the DOE and the LEAs scrutinize all graphics and items prior to accepting them for placement in the item bank. The graphics and items are reviewed for content characteristics, potential bias, and any issues of concern to Florida stakeholders. Concerns expressed during the reviews must be resolved satisfactorily before the graphics and items are placed in the item bank.

Review of Graphics

A committee made up of select Florida educators with experience and expertise in visual arts instruction at the appropriate grade levels reviews graphics for potential use in the Visual Arts Item Bank. Of extreme importance is the vital role the educators play in determining the appropriateness of the graphics for test item use. After reviewing graphics, the committee must reach a consensus as to whether a particular graphic will be used in the Visual Arts Item Bank. Each factor considered in this review process is identified in the Criteria for Selecting Graphic Stimulus Materials section.

Review of Test Items

The DOE, the LEAs, and a committee made up of select Florida educators with experience and expertise in visual arts instruction at the appropriate grade levels review all test items during the item development process. The content specialists at the DOE review and edit items, judging them for overall quality and suitability for the tested grade level.

Groups of Florida educators are convened to review the items for content characteristics and item specifications alignment. This review focuses on validity and determines whether an item is a valid measure of the designated NGSSS benchmark, as defined by the grade-level specifications for test items.

The visual arts items in the Florida Visual Arts Item Bank are field-tested in Florida to ensure clarity of items before they count toward a student's score. In the event an item does not test well, it is either deleted or revised. Revised items will require field-testing again before being scored.

Review for Potential Bias and Sensitivity Issues

Both the graphics and the items are reviewed by a group of Florida educators for the following kinds of bias: gender, racial, ethnic, linguistic, religious, geographic, and socioeconomic. Reviews also include a consideration of issues relevant to individuals with disabilities.

The purpose for the sensitivity review is to ensure that the primary purpose of assessing visual arts knowledge is not undermined by inadvertently including in the test any material that is deemed inappropriate. Reviewers consider the variety of cultural, regional, philosophical, political, and religious backgrounds throughout Florida and determine whether the subject matter will be acceptable to Florida students, their parents, and other members of Florida communities. Issues of sensitivity are distinct from bias because sensitivity issues do not necessarily affect student success on an item, whereas bias may. Examples of sensitive topics for Florida students include wildfires, hurricanes, or other topics that may be considered offensive or distracting to students.

UNIVERSAL DESIGN

The application of universal design principles helps develop assessments that are usable by the greatest number of test takers, including those with disabilities and nonnative speakers of English. To support the goal of providing access to all students, the test maximizes readability, legibility, and compatibility with accommodations, and test development includes a review for potential bias and sensitivity issues.

In addition, because the Hard-to-Measure Content Areas item banks are assessing students' ability to apply the content and skills that the students have learned in class through performances or production of works that demonstrate the attainment of the required skills, the nature of the questions as well as the scored products will differ from those commonly used in standardized assessments. However, even with the inclusion of video components and audio components, both as stimulus materials and as evidence for finished products, the principles of universal design must be maintained so that students' scores reflect knowledge of the constructs being assessed and not extraneous features of the task.

During the initial development of the Florida Visual Arts Item Bank, both internal and external reviewers revised items and tasks to allow the widest possible range of student participation. Item writers must attend to the best practices suggested by universal design, including but not limited to the following:

- Reduction of wordiness
- Avoidance of ambiguity
- Selection of reader-friendly construction and terminology
- Consistently applied concept names and graphic conventions

Universal design principles also inform decisions about test layout and design, including, but not limited to, type size, line length, spacing, and graphics.

Throughout the development process for the Florida Visual Arts Item Bank, these elements are carefully monitored. The review processes and field-testing are used to ensure appropriateness, clarity, and fairness.

CRITERIA FOR SELECTING GRAPHIC STIMULUS MATERIALS

Many of the visual arts items will have accompanying graphic stimulus materials; therefore, it is important to select stimuli that will render as high-quality images for both computer displays and print copies. Stimuli may include, but are not limited to, illustrations, paintings, photographs, graphics, collage, sculpture, and video. People appearing in photographs and videos should preferably be of approximately the age of the respective grade. For performance tasks, works of art found in the art classroom can be used to assess the student's ability to meet the benchmark.

Types

The purpose of the visual arts items is to measure student achievement in understanding the principles that underlie works of art, the skills necessary to produce works of art, the tools and media used in the creation of works of art, and the safety measures necessary when producing works of art. Because the art included in this item bank is by definition visual, it will be necessary to include graphic stimuli in many of these items. Artworks often contain the aspect of dimensionality; for example, sculpture is a three-dimensional art form. But because the items in this pool must be rendered both in print and as computer displays, this item pool does not include three-dimensional stimuli within the items themselves and at present will only include two-dimensional stimuli. If a three-dimensional stimulus is required for a question, the stimulus will be supplied by the visual arts teacher. These objects, however, will be limited to those commonly available in art classrooms or easily obtainable everyday objects. The two-dimensional stimuli include black and white line drawings, color drawings, photographs, and video clips. The use of photographs and video clips will allow some display of the aspect of the dimensionality of a work of art. Video clips will also provide the opportunity for presenting an artist's process for completing a work of art so that students can observe variations of techniques, medium use, and tools.

Black and white line drawings should be clear and should demonstrate the focus of the question without superfluous background material present. They should not contain excessive shading that makes the focus of the graphic difficult to immediately discern.

Color drawings should be clear and should demonstrate the focus of the question without superfluous background material present. They should not contain excessive shading that makes the focus of the graphic difficult to immediately discern.

Photographs should be clear and should demonstrate the focus of the question without superfluous background material present. They should not contain excessive shading that makes the focus of the photo difficult to immediately discern.

Video clips should be clear and should demonstrate the focus of the question without superfluous background material present. They should not contain more than two or three people engaged in the activity that is being illustrated. The clip should start at a static position and then show the action to be illustrated clearly from the start to the finish. The clip should last no longer than 1 minute.

Sources

Graphics should be of non-copyrighted artworks in the public domain or produced or commissioned by the item writer expressly for the Florida Visual Arts Item Bank and should represent a wide variety of art forms. Graphics from the public domain should be selected from artworks that are not likely to be familiar to students. Commissioned graphics produced by the item writers for the Florida Visual Arts Item Bank and related products will be the property of the DOE.

Characteristics

Graphics must be clear and easy to reproduce as well as authentic. Graphics that require the test taker to have prior or specialized knowledge that is not consistent with the NGSSS should not be included.

Graphics must function as intact pieces. They must also contain the recognizable key concepts that they are intended to illustrate.

Graphics produced for the Florida Visual Arts Item Bank should reflect the same qualities of art expressed in the NGSSS. Graphics should present subject matter that is grade-level appropriate.

The selection of public domain artworks must follow the same rigorous review process as do all other types of artworks. They should be reviewed by the item writer for any bias and sensitivity issues and grade-level appropriateness.

Content

Graphics should be interesting and appealing to students at the grades for which the graphics are intended. Graphics at a given grade level should include a range of age-appropriate artworks that are representative of the art that students may be expected to view and produce in their art classes. Also, graphics should contain conceptually appropriate and relevant subjects. Artworks with controversial or offensive content should not be included in the item bank. Confusing or emotionally charged subjects

should also be avoided. References to trademarks, commercial products, and brand names should not be included.

Modifications

A public domain graphic or work of art should not be modified but should be shown as intended by the artist. This means that public domain artwork that includes potentially offensive or upsetting materials should not be included in the items. However, a commissioned graphic developed specifically for the Florida Visual Arts Item Bank that is otherwise appropriate may be modified to remove or replace offensive or grade-level-inappropriate material.

Graphic Features

Graphics may include text boxes and other labels, legends, keys, and captions. Graphics should also reflect multicultural diversity and avoid gender stereotyping.

Item writers must not develop items for which the correct response depends on recognition of color. If a reference to color is used in an item, the color must be labeled with appropriate text. All artwork must be high quality.

Diversity

Graphics should bring a range of cultural diversity to the test. Characters, settings, and situations should reflect the variety of interests and backgrounds that make up Florida's student population. Graphics should represent and/or be created by people of different cultures and races; however, culture- or region-specific graphics should not create an advantage or a disadvantage for any particular group of students with a particular characteristic, including gender, race, ethnicity, religion, socioeconomic status, disability, or geographic region. These kinds of graphics must include text with sufficient information to allow a student to answer the question.

Length of Video Clip

Video clips should be a maximum of 1 minute long. Because video clips will increase the testing time for an item, having students watch a 2- or 3-minute video clip to answer one multiple-choice question is not an effective use of testing time. In addition, younger students may become inattentive and thus miss the salient features of the clip. Therefore, video clips should last no longer than 1 minute for kindergarten, first-grade, and second-grade students.

EVIDENCE-CENTERED DESIGN

Evidence-centered design provides a schema for the development of the constructedresponse items and performance tasks in the Florida Visual Arts Item Bank. Evidencecentered design makes explicit a structured item-creation process:

- Begin from a clear statement of the proficiencies to be measured.
- Identify the student responses that provide evidence of those proficiencies.
- Define the constructed-response items and/or performance tasks that require the types of student responses identified in step 2.

In many ways, this process is a straightforward extension of a classic approach to assessment (define a framework or content standards, develop item specifications, and write items meeting the specifications). What it adds is an explicit recognition that each item or task provides response-based evidence of proficiencies.

Evidence-centered design is operationalized in the Florida Visual Arts Item Bank's scoring rubrics with the use of scoring assertions that will guide item developers in the design and development of targeted constructed-response items and performance tasks. A scoring assertion consists of (1) a statement of the competency that is to be demonstrated if the assertion is true and (2) the student response or response characteristic that provides evidence for the presence of this competency. For example, a performance task may be designed to assess the competency of creating an artwork that depicts personal, cultural, and /or historical themes. The task may target two proficiencies: (1) creating a work of art using the materials provided and (2) using a theme for the artwork that was commonly used by an identified culture. A sample of the themes used by the identified culture would also be provided for the student to view. The scoring assertion for the first proficiency would include a verbal expression of the proficiency, along with a representation of the particular evidence that the response would have to exhibit (e.g., —... poduces a work of art using the provided materials"). Scoring assertions for the second would be similar but would look for evidence of a —thene commonly used by the identified culture," such as a line drawing of an animal seen in everyday life in a representation similar to that used by prehistoric cultures. The explication of the exact actions the student must perform, as well as the evidence of this proficiency in the rubric for the performance task, allows the direct link between the proficiency and the evidence for the attainment of that proficiency.

CRITERIA FOR THE FLORIDA VISUAL ARTS ITEMS

The Florida Visual Arts Item Bank contains four types of items: multiple-choice items, constructed-response items, technology-enhanced items, and performance tasks.

Item Style and Format

This section presents stylistic guidelines and formatting directions that item writers should follow while developing items for the Florida Visual Arts Item Bank. Items should be written to measure the knowledge and skills in the designated benchmarks with the underlying expectation that students demonstrate grade-appropriate critical thinking.

General Guidelines

- Items should be clear and concise, using vocabulary and sentence structure appropriate for the assessed grade level.
- Items should be written in the active voice and **not** the passive voice (e.g., instead of *The picture was painted by the student...*, use *The student painted the picture...*).
- Items should **not** contain negative stems; therefore, stems should **not** include the words NOT, EXCEPT, or LEAST.
- Masculine pronouns should **not** be used to refer to both sexes. Plural forms should be used whenever possible to avoid gender-specific pronouns (e.g., instead of *The student will make changes so that he...*, use *The students will make changes so that they...*).
- As needed, item stems may be constructed using more than one sentence.

Multiple-Choice Items

Definition

A multiple-choice item contains a question and four answer choices for grades 3–12. One of the choices is the correct answer and the other two or three choices are incorrect. The incorrect choices must be plausible, for their purpose is to draw the students who have not fully mastered the concept that is being assessed; for example, a common misconception might be used as an incorrect choice.

Multiple-choice items can assess one or more benchmarks and can range from low to high complexity. A multiple-choice item takes approximately 1 minute of testing time to answer. Each item is worth 1 raw score point.

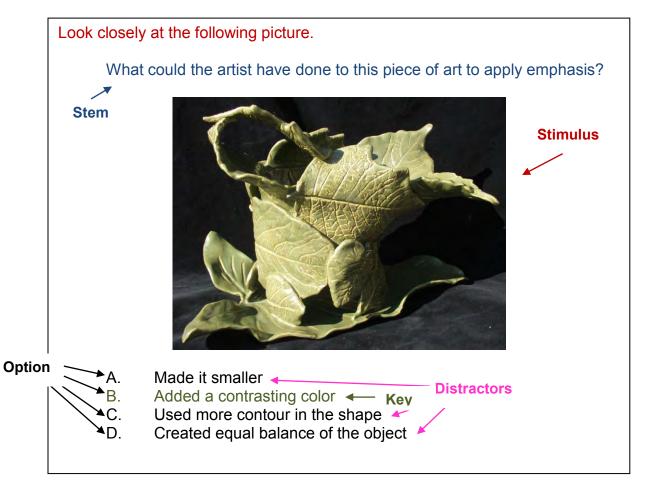
Terminology

Listed below are the definitions of the specific terms used for the parts of a multiplechoice item, along with a sample item with each term identified.

Stem: The statement of the question

Options: The answer choices Key: Correct answer choice

Distractors: Incorrect answer choices



Criteria

- Multiple-choice items should take approximately 1 minute of testing time per item to answer.
- Multiple-choice items are worth 1 point each.
- Multiple-choice items should have three answer choices (grades K–2) or four answer choices (grades 3–12).
- Multiple-choice items should have only one correct answer.
- Multiple-choice items should have directed stems, not undirected stems (e.g., Which of the following statements is true?). That is, students should be able to answer the question without first looking at the answer choices.
- One-word answer choices should be arranged alphabetically and be balanced in the use of words beginning with a vowel or a consonant. Answer choices should be parallel in reference to parts of speech (i.e., options may all be the same part of speech or may all be different parts of speech). Answer choices of more than one word should be arranged by length: short to long or long to short, depending on the position of the correct answer.
- Answer keys should **not** be the only options to contain words or phrases used in the item stem.
- Answer keys should **not** be the only positively or negatively worded options.
- Distractors should relate to the context of the question. Distractors should be incorrect but plausible based on the topic of the question.
- Outliers should be avoided because they are answer choices that clue the student or draw the student's attention away from the other answer choices.
 Outliers often contain grammatical clues and may involve answer choices that are longer or more specific than other answer choices. A common type of outlier occurs when a date or a proper noun appears in only one of the options, or not in one of the options and in all the other options, in which case the option without the date or noun is the outlier.
- Answer choices that are the opposite of correct answer choices should **not** be used as distractors.
- Answer choices should **not** include No change needed, Correct as is, None of the above, All of the above, etc.
- Answer choices such as Not enough information or Cannot be determined should not be used.

Constructed-Response Items

Definition

Constructed-response items require students to provide an oral or written response. These questions typically ask students to describe, discuss, explain, or critique a work of art, the procedures used, or the choice of media. Constructed-response items have multiple ways in which students can respond correctly. These items can be worth 2 or 4 points depending on the complexity required for a complete response.

Constructed-response items can assess one or more benchmarks and can range from low to high complexity. A constructed-response item takes approximately 3 to 7 minutes of testing time to answer, and each item is worth 2 or 4 score points.

Terminology

Listed below are the definitions of the specific terms used for the parts of a constructedresponse item, along with a sample item with each term identified.

Prompt: The written statement of the question the student must answer

Rubric: A description of how to score the student's response

Score Points: The number of points that can be awarded for a response

Score Point Descriptors: The student response that is required for each score point

The following item sample illustrates the appropriate format for a short constructed-response item for grades K–12.

Prompt:

What are two objects in the art room that could cause you to get a bad cut if you do not follow safety procedures?

Item Rubric	
Score Points	Score Point Descriptors
2 points	The student lists two objects in an art room that could cause a bad cut,
-	for example, paper cutter, carving chisel, scissors, razor blade, lacing
	tool, or similar sharp edged item.
1 point	The student lists one thing in an art room that could cause a bad cut.
0 points	The response indicates inadequate or no understanding of the concept needed to answer the item. The student may have written on a different topic or written, 4-don't know."

Short Constructed-Response Item

The sample item below shows the format for a grades K–12 short constructed-response item with the item-specific rubric. In this sample, the question prompt is presented first, followed by the rubric with the applicable score points. A short constructed-response item is worth from 0 to 2 points.



Prompt:

What makes this turtle interesting to look at?.

Item Rubric	
Score Points	Score Point Descriptors
2 points	The student uses visual-thinking skills to describe two things about this artwork, including, but not limited to: Line Shape Pattern Rhythm Texture Colors Tones
1 point	The student uses visual-thinking skills to describe one thing about this artwork.
0 points	The response indicates inadequate or no understanding of the concept needed to answer the item. The student may have written on a different topic or written, +don't know."

Criteria

- SCR items take approximately 3 minutes of testing time to answer and require a phrase or a sentence as a response. They are worth 2 points each.
- SCR items should require a more complex response than a multiple-choice item permits.
- SCR items should not ask for a yes or no response.
- SCR items should contain enough information to focus the student on the task that must be accomplished.
- SCR items should indicate the amount and type of information that must be included in the response.
- SCR items should **not** ask for multiple repetitions of the same task to gain additional points.
- SCR items with two parts should **not** include score point dependencies, that is, achieving points on the second part of the item should not depend on a correct response to the first part of the item.
- SCR items should present a task that can be completed in the time allotted for the question type.
- SCR items should permit multiple solutions to the task presented in the prompt.
- SCR items should have rubrics that are clearly aligned to the task presented in the prompt.
- SCR items must be accompanied by a rubric or scoring guideline that lists the anticipated responses and the point value for each of the responses.
- SCR item rubric score point descriptions should clearly delineate what a student must do to earn each point.
- SCR item rubrics should **not** contain scoring rules that do not correspond to what is asked in the prompt.
- SCR item rubrics should contain unambiguous response exemplars.
- After SCR items are field-tested, sample student papers should be included in the rubrics to provide student-generated exemplars for each score point.

Performance Tasks

Definition

Performance tasks require students to produce a work of art on their own. They can be given a standard set of materials, a technique they must use, and/or the subject of their artwork.

Performance tasks can assess one or more benchmarks and can range from medium to high complexity. A performance task takes approximately 5 to 10 minutes of testing time to answer, and each item is worth 1 to 4 score points.

Terminology

Listed below are the definitions of the specific terms used for the parts of a performance task, along with a sample task with each term identified.

Materials: The materials that must be provided for the student

Setup: The setup for the presentation of the task

Prompt: The directions that are stated before the student begins the task

Rubric: The scoring guidelines for a student's response

Score Points: The points that can be awarded for a response

Score Point Description: The student response that will earn each of the

score points

Materials:

A piece of clay and a modeling tool

Set Up:

Each student has his or her own materials and workspace.

Prompt:

 Say: —Pinch the clay into a piece of pottery. Use a tool to incise pottery to create negative space."

Item Rubric	
Score Points	Score Point Descriptors
2 points	The student shapes the clay and uses a tool to create negative
	space.
1 point	The student shapes the clay and uses a tool but does not create negative space.
0 points	The student is unable to perform the task, does not understand how to complete the task, or unsuccessfully completes the task.

The sample task above shows the format for a grades K–12 performance task, along with its item-specific rubric. In this sample, the materials, the task setup, and the specific prompt are presented first. They are followed by the rubric with the applicable score points. A performance task can be worth from 1 to 4 points.

Criteria

- Performance tasks should take no more than 15 minutes of testing time to answer and require the production of a work of art. They are worth from 1 to 4 points each.
- Performance tasks should permit multiple solutions to the task presented in the prompt.
- Performance tasks should refer to and use materials, tools, and techniques that are appropriate classroom activities for students.
- Performance tasks must be accompanied by a rubric or scoring guideline that lists descriptions of anticipated responses and the point value for each of the responses.
- After performance tasks are field-tested, sample student papers should be included in the rubrics to provide student-generated exemplars for each score point.

• Performance tasks should adhere to all the general guidelines and the constructed-response guidelines listed above.

Scope of Items

The scope of the Florida Visual Arts Item Bank for grades K–12 is presented by the NGSS benchmarks for these grades. The benchmarks serve as the objectives to which the test items are written. There may be additional specification or restrictions by grade level, and these are provided in the content limits section of the item specifications listed under each benchmark.

COGNITIVE COMPLEXITY OF THE FLORIDA VISUAL ARTS ITEMS

The degree of challenge for items in the Florida Visual Arts Item Bank is currently categorized by **cognitive complexity**.

Cognitive Complexity

Cognitive complexity refers to the cognitive demand associated with an item. The cognitive classification system is based on Dr. Norman L. Webb's Depth of Knowledge (DOK) levels. The rationale for classifying an item by its DOK level of complexity focuses on the *expectations made by the item*, not on the *ability of the student*. When an item's demands is classified on thinking (i.e., what the item requires the student to recall, understand, analyze, and do), it is assumed that the student is familiar with the basic concepts of the task. Test items are chosen for the Florida Visual Arts Item Bank on the basis of the NGSSS and their grade-level appropriateness, but the complexity of the items remains independent of the particular curriculum a student has experienced. The cognitive complexity of an item depends on the grade level of the assessment; an item that has a high level of cognitive complexity at one grade may not be as complex at a higher grade.

The categories—low complexity, moderate complexity, and high complexity—form an ordered description of the demands an item may make on a student. For example, low-complexity items may require a student to solve a one-step problem. Moderate-complexity items may require multiple steps. High-complexity items may require a student to analyze and synthesize information. The distinctions made in item complexity ensure that items will assess the depth of student knowledge at each benchmark. The intent of the item writer weighs heavily in determining the complexity of an item.

The pages that follow illustrate some of the varying demands that items might make at each complexity level for the Florida Visual Arts Item Bank. Note that items may fit one or more descriptions. In most instances, these items are classified at the highest level of complexity demanded by the item. Caution must be used in referring to the table (page 25) that describes activities at each cognitive complexity level. This table is provided for ease of reference, but the ultimate determination of the item complexity should be made considering the overall cognitive demand placed on a student.

Item writers are expected to evaluate their items in terms of cognitive complexity and include this on the item template. Items should generally be targeted to the highest level of complexity as appropriate to the assessed benchmark, although some benchmarks

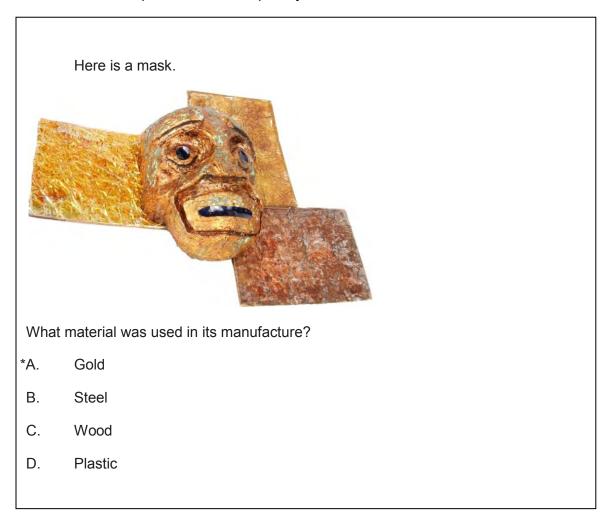
¹ Webb, N. L., et al. (2005). Webb alignment tool. Madison: University of Wisconsin-Madison, Wisconsin Center for Educational Research. http://www.wcer.wisc.Edu/WAT/index.aspx.

call for items at varying levels. When this is the case, writers should take care to cover the range of levels that are appropriate and not create items only at the lower ranges.

Low Complexity

The low-complexity items in the Florida Visual Arts Item Bank require students to recall, observe, question, or represent basic art facts. For a low-complexity item, students are expected to demonstrate simple skills or abilities. A low-complexity item requires only basic understanding—often verbatim recall or simple understanding of an art term or process.

Below is an example of a low-complexity item.



Moderate Complexity

The moderate-complexity items in the Florida Visual Arts Item Bank require two steps: identification and subsequent processing of that information. Students are expected to make inferences and may encounter items that include words such as —alssify," —oragnize," and —compre." Depending on the objective of a particular moderate-level item, students may also be required to explain, describe, or interpret.

Below is an example of a moderate-complexity item.



What element of art has been emphasized in this sculpture?

- A. Line
- *B. Color
- C. Space
- D. Texture

High Complexity

The high-complexity items in the Florida Visual Arts Item Bank make heavy demands on student thinking. Students may be asked to explain, generalize, or make multiple connections. High-complexity items require several steps involving abstract reasoning and planning. Students must be able to support their thinking. Items may involve identifying a unifying theme across artworks or making complex inferences across pieces of art. Students may also be asked to assess a stimulus for a particular art concept and then apply that concept to a new work of art that they create themselves.

Below is an example of a high-complexity item.

Imagine using coils to design an original ceramic piece. Sketch the design and write a sentence describing how this design reflects your personal style.

The following table is provided for ease of reference; however, caution must be used in referring to this table, which describes activities at each cognitive complexity level. The ultimate determination of an item's cognitive complexity should be made after considering the intent of the overall cognitive demand placed on a student.

Examples of Florida's Visual Arts Items Across Cognitive Complexity Levels		
Low Complexity	Moderate Complexity	High Complexity
What is the process called when a piece of pottery has been fired one time?	What is the first step when preparing the clay body for work?	What technique is used to join two pieces of leather hard clay together?
What did the artist do last when finishing the artwork?	Which object could easily burn you in the art room?	Imagine creating a mosaic that expresses a feeling, then sketch out a concept.
What is one of the most important steps in throwing pottery?	What is it called if you copy another artist's work and try to pass it off as your own?	Imagine using coils to design an original ceramic piece. Sketch the design and write a
What should you do with your wet artwork and supplies at the end of the period?	Before you create an original work of art, what is the most important planning tool?	sentence describing how this design reflects your personal style.

GUIDELINES FOR ITEM WRITERS

Florida's visual arts item writers must have a comprehensive knowledge of the assessed visual arts curriculum and a strong understanding of the cognitive abilities of the students taking the test. Item writers should know and respect the guidelines established in the *Specifications* as well as appreciate the spirit of developing test content that allows students to perform at their best. Item writers are also expected to use their best judgment in writing items that measure the visual arts benchmarks of the NGSSS without introducing extraneous elements that may interfere with the test's validity.

Item writers for the Florida Visual Arts Item Bank must submit items in a particular format and must include the following information about each item. Because items are rated by committees of Florida educators following submission to the LEA, familiarity with the directions for rating items would prove useful to all item writers.

Format Item writers must submit items in the agreed-on template. All appropriate

sections of the template should be completed before the items are

submitted.

Sources Item writers are expected to provide sources for all artwork in the item.

Acceptable sources for artwork are public domain sources that do not require copyright fees for use. Photos of or original copies of student-generated artwork must be accompanied by a completed permission

form.

Correct Response Multiple-Choice Items: Item writers must indicate which option is the

correct answer.

Constructed-Response Items: Item writers must provide a scoring rubric that includes the required ideas/wording that must be present for each

score point.

Technology-Enhanced Items: Item writers must provide a scoring rubric that describes the required actions that students must perform for each

score point.

Performance Tasks: Item writers must provide a scoring rubric that clearly delineates the properties of the artwork that must be present for each

score point.

Option Rationales Multiple-Choice Items: All options of a multiple-choice item must be

accompanied by a rationale.

For the correct option (key), the rationale must state why the option is

correct based on the visual arts benchmark being assessed.

For each incorrect option (distractor), the rationale must state why the option is plausible and why it is incorrect based on the visual arts

benchmark being assessed.

Cognitive Complexity

Item writers are expected to evaluate their items in terms of cognitive complexity and include this information on the item template. Items should generally be targeted to the highest level of complexity as appropriate to the assessed benchmark, although some benchmarks call for items at varying levels. When this is the case, writers should take care to cover the range of levels that are appropriate and to avoid creating items only at the lower ranges.

Submission of Items

When submitting items, item writers must balance several factors. Item submissions should

- include items for the benchmarks and grade levels assigned to the item writer:
- include items of varying difficulty;
- include items at or above the cognitive complexity level of the assigned benchmarks;
- have an approximate balance of the correct response between the answer choices for multiple-choice items;
- have an equal balance of male and female names and include names representing different ethnic groups in Florida;
- have an equal balance of male and female students at the appropriate grade level in stimulus and/or option photographs and drawings; and
- have an equal balance of ethnic groups in Florida represented in stimulus and/or option photographs and drawings.

Electronic Submission

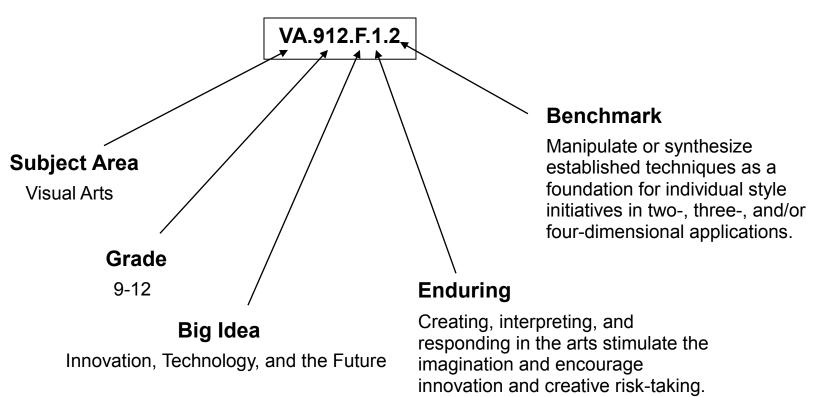
Items will be submitted directly into the Florida State Item Banking Platform.

GUIDE TO THE GRADE LEVEL SPECIFICATIONS

Benchmark Classification System

Each benchmark in the NGSSS is coded with a system of numbers and letters.

- The two letters in the first position of the code identify the Subject Area (e.g., VA for Visual Arts).
- The number in the second position (first number) represents the **Grade Level**.
- The letter in the *third position* represents the **Big Idea**, or category of knowledge, to which the benchmark belongs. In Visual Arts, the Florida Visual Arts Item Bank includes five categories for the Big Idea.
 - Big Idea 1: Critical Thinking and Reflection
 - Big Idea 2: Skills, Techniques, and Processes
 - Big Idea 3: Organizational Structure
 - Big Idea 4: Historic and Global Connections
 - Big Idea 5: Innovation, Technology, and the Future
- The number in the fourth position of the code represents the Enduring Understanding for the benchmark.
- The number in the *fifth position* shows the specific **Benchmark** that falls under the specified Big Idea and within the Enduring Understanding.



Visual Arts	
Grade 9-12	
Big Idea 1	Innovation, Technology, and the Future
Enduring Understanding 1	Creating, interpreting, and responding in the arts stimulate the imagination and encourage innovation and creative risk-taking.
Benchmark 2	Manipulate or synthesize established techniques as a foundation for individual style initiatives in two-, three-, and/or four-dimensional applications.

Definitions of Benchmark Specifications

The Specifications documents identify how Florida's NGSSS benchmarks are assessed in the Florida Visual Arts Item Bank at grades K-10. For each benchmark assessed in visual arts, the following information is provided in each grade-level Specifications section.

Big Idea A Big Idea is a broad category of knowledge within a content area in the

NGSSS. The Big Ideas are the same for all grade levels.

Enduring Understanding Each Enduring Understanding is a general statement of expected student

achievement within a Big Idea at each grade level in the NGSSS.

Benchmark Benchmarks are grade-level-specific statements of expected student

> achievement under each visual arts Enduring Understanding. In some cases, two or more related benchmarks are grouped together because the assessment of one benchmark necessarily addresses another benchmark.

Such groupings are indicated in the benchmark statement.

Clarification The clarification statement explains how the achievement of the

> benchmark will be demonstrated by students for each specific item type. Clarification statements explain what the student will do when responding

to items of each type.

Content Focus The content focus defines the specific content measured by each visual

arts item.

Content Limits The content limits define the scope of content knowledge that will be

> assessed (e.g., specific elements that can be compared or contrasted) and in some cases indicate areas of the benchmark that will not be assessed. For some benchmarks, additional information is provided to

clarify specific directions in developing test items.

Stimulus Stimulus attributes define the types of stimuli that will be used in the

development of items, including appropriate context or content suitable for

assessing the particular benchmark.

Distractor The distractor attributes for multiple-choice items give specific descriptions **Attributes**

of the distractors for items at each grade level.

Sample Items Sample items that assess each benchmark are provided at each grade

> level for each acceptable item format. The sample items are presented in a format similar to those on the test, and the correct answer or scoring

rubric for each sample item is provided.

Attributes

Elements of Art and Principles of Design

When content limits do not specify the elements of art or principles of design, the following list may be used. The list is compliant with the overall content Florida's state-adopted textbooks as of May 2014 and has been approved by state-level content experts.

NOTE: Concepts related to the listed elements and principles may be assessed under the umbrella concepts given. Examples are provided in parenthesis for reference but should not be taken as all-inclusive. Related, grade-appropriate concepts may be assessed as long as they are treated as a specific instance of a parent Element and Principle that is listed below.

Elements of art:

- Line
- Shape (organic, geometric, positive, negative)
- Form
- Color (hue, primary, secondary, etc.)
- Value (tint, shade)
- Space
- Texture

Principles of design:

- Balance (symmetry)
- Unity (dominance, harmony)
- Variety
- Emphasis
- Pattern
- Proportion (scale)
- Movement
- Rhythm

While they should be considered as sub-concepts under the umbrella of the main concepts listed above for general K-12 courses, the following terms may be considered unique Principles of Design in the assessment of grades 9-12 Honors-level courses:

- Contrast
- Repetition
- Figure/ground

Benchmark: VA.912.C.1.4

Big Idea: Critical Thinking and Reflection

Enduring Understanding: 1: Cognition and reflection are required to appreciate, interpret, and

create with artistic intent.

Benchmark: VA.912.C.1.4 Apply art knowledge and contextual information to analyze how

content and ideas are used in works of art.

Clarification: Explain how content and ideas are used in works of three-dimensional art.

Performance Level Descriptor: To demonstrate proficiency, students will explain content and ideas that are used in works of three-dimensional art.

Content Focus: Analysis of art

Content Limits: Processes include, but are not limited to, symbolism, spatial relationship,

balance, and form.

Recommended DOK Level: Moderate

Item Types:

• Constructed Response

Sample Constructed-Response Item:

Prompt:

Describe the meaning or idea in this work of art and how the chosen material contributes to this idea.



Exemplar Response:

The artist was making a practical object of a watering can look like a butterfly. By using different colors of metal, the artist was able to portray the different colors in a butterfly.

Item Rubric	
2 points	The student describes the meaning or idea of this work of art and describes the reason for the chosen materials.
1 point	The student describes the meaning or idea of this work of art. OR The student describes the reason for the chosen materials.
0 points	The response indicates inadequate or no understanding of the concept needed to answer the item. The student may have written on a different topic or written, +don't know."

Big Idea: Critical Thinking and Reflection

Enduring Understanding: 1: Cognition and reflection are required to appreciate, interpret, and

create with artistic intent.

Benchmark: VA.912.C.1.7 Analyze challenges and identify solutions for three-dimensional

structural problems.

Clarification: Identify and describe solutions for three-dimensional structural problems.

Performance Level Descriptor: To demonstrate proficiency, students will identify or describe solutions for structural problems in three-dimensional art.

Content Focus: Identify structural problems

Content Limits: Structures include, but are not limited to, sculpture, pottery, papier-mâché, and ceramics.

Recommended DOK Level: Moderate

Item Types:

• Multiple Choice

- Each item will have four options.
- Options can appear as photographs, illustrations, single words, or short phrases and sentences.
- When a stimulus is used, options will be ordered as they appear in the stimulus.

After a bisque fire, you notice a crack in your utilitarian piece, what is an acceptable solution?



- *A. Create a new pot
- B. Put tape over the cracks
- C. Use a clear sealant between the cracks
- D. Add a fresh layer of clay over the cracks and fire it again

Big Idea: Critical Thinking and Reflection

Enduring Understanding: 2: Assessing our own and others' artistic work, using critical-thinking, problem-solving, and decision-making skills, is central to artistic growth.

Benchmark: VA.912.C.2.1 Examine and revise artwork throughout the art-making process to refine work and achieve artistic objective.

Clarification: Describe ways to revise artwork during the art-making process to make work better and achieve artistic objectives.

Performance Level Descriptor: To demonstrate proficiency, students will describe ways to revise artwork to improve art and achieve artistic objectives.

Content Focus: Examination and revision of artwork

Content Limits: Types of work that can be examined or revised include, but are not limited to, sculpture, ceramics, papier-mâché, wood, and plaster. Works can be examined for such things as balance, space, color, and form.

Recommended DOK Level: Moderate

Item Types:

Multiple Choice

- Each item will have four options.
- Options can appear as photographs, illustrations, single words, or short phrases and sentences.
- When a stimulus is used, options will be ordered as they appear in the stimulus.

What could the artist have done to this piece of art to apply emphasis?



- A. Made it smaller
- *B. Added a contrasting color
- C. Used more contour in the shape
- D. Created equal balance of the object

Big Idea: Critical Thinking and Reflection

Enduring Understanding: 2: Assessing our own and others' artistic work, using critical-thinking, problem-solving, and decision-making skills, is central to artistic growth.

Benchmark: VA.912.C.2.4 Classify artworks, using accurate art vocabulary and knowledge of art history to identify and categorize movements, styles, techniques, and materials.

Clarification: Identify or describe types of artwork using knowledge of art history and art vocabulary.

Performance Level Descriptor: To demonstrate proficiency, students will identify or describe pieces of art by using art vocabulary and their knowledge of art history.

Content Focus: Classifying art

Content Limits: Content includes, but is not limited to, types of three-dimensional art such as sculpture, ceramics, wood, and plaster.

Recommended DOK Level: Low

Item Types:

Multiple Choice

- Each item will have four options.
- Options can appear as photographs, illustrations, single words, or short phrases and sentences.
- When a stimulus is used, options will be ordered as they appear in the stimulus.

Here is a mask.



What material was used in its manufacture?

- *A. Gold
- B. Steel
- C. Wood
- D. Plastic

Big Idea: Critical Thinking and Reflection

Enduring Understanding: 2: Assessing our own and others' artistic work, using critical-thinking, problem-solving, and decision-making skills, is central to artistic growth.

Benchmark: VA.912.C.2.8 Compare artwork, architecture, designs, and/or models to understand how technical and utilitarian components impact aesthetic qualities.

Clarification: Compare and describe architecture, designs, and/or models to understand how technical and utilitarian components impact aesthetic qualities.

Performance Level Descriptor: To demonstrate proficiency, students will compare artworks by understanding how the technical and utilitarian components impact the aesthetic qualities.

Content Focus: Comparing artwork

Content Limits: Students may compare components of sculpture, buildings, bridges, ceramics, and industrial design in addition to other three-dimensional types of art. Students use vocabulary words such as -balance," -tone," -symmetry," -mass," -space," -pattern," and -texture."

Recommended DOK Level: Moderate

Item Types:

- Multiple Choice
- Constructed Response

- Each item will have four options.
- Options can appear as photographs, illustrations, single words, or short phrases and sentences.
- When a stimulus is used, options will be ordered as they appear in the stimulus.

How are these four vases similar?



- A. They have the same artistic style.
- B. They use the same elements of art.
- C. They are made of the same materials.
- *D. They can be used for the same functions.

Sample Constructed-Response Item:

Prompt:

Describe two ways these bridges are similar.



Exemplar Response:

Both of these artists created symmetrical bridges. Both of these bridges have texture.

Item Rubric	
2 points	The student describes two ways the bridges are similar.
1 point	The student describes one way the bridges are similar.
0 points	The response indicates inadequate or no understanding of the concept needed to answer the item. The student may have written on a different topic or written, +don't know."

Big Idea: Critical Thinking and Reflection

Enduring Understanding: 3: The processes of critiquing works of art lead to development of critical-thinking skills transferable to other contexts.

Benchmark: VA.912.C.3.1 Use descriptive terms and varied approaches in art analysis to explain the meaning or purpose of an artwork.

Clarification: Describe the meaning or purpose of artwork by using descriptive terms and varied approaches to analysis in art.

Performance Level Descriptor: To demonstrate proficiency, students will use descriptive terms and varied approaches to analyze art to describe its meaning or purpose.

Content Focus: Critiquing art

Content Limits: Describing artwork includes, but is not limited to, using the four-step method of art criticism, visual-thinking skills, and aesthetic scanning.

Recommended DOK Level: Moderate

Item Types:

Constructed Response

Sample Constructed-Response Item:

Prompt:

What makes this turtle interesting to look at?



Exemplar Response:

This piece of artwork represents nature. Also the artist used pattern and relief areas to create texture.

Item Rub	Item Rubric	
2 points	The student uses visual-thinking skills to describe two things about this artwork, including, but not limited to: • Line • Shape • Pattern • Rhythm • Texture • Colors • Tones	
1 point	The student uses visual-thinking skills to describe one thing about this artwork.	
0 points	The response indicates inadequate or no understanding of the concept needed to answer the item. The student may have written on a different topic or written, +don't know."	

Big Idea: Skills, Techniques, and Processes

Enduring Understanding: 1: The arts are inherently experiential and actively engage learners in the processes of creating, interpreting, and responding to art.

Benchmark: VA.912.S.1.4 Demonstrate effective and accurate use of art vocabulary throughout the art-making process.

Clarification: Use the correct vocabulary terms to describe the art-making process.

Performance Level Descriptor: To demonstrate proficiency, students will use art vocabulary terms to describe the processes of making art.

Content Focus: Art processes

Content Limits: Content is limited to grade-level appropriate skills, techniques, tools, and subject matter.

Recommended DOK Level: Low

Item Types:

• Multiple Choice

Multiple-Choice Attributes:

- Each item will have four options.
- Options can appear as photographs, illustrations, single words, or short phrases and sentences.
- When a stimulus is used, options will be ordered as they appear in the stimulus.

Sample Multiple-Choice Item:

What is the process called when a piece of pottery has been fired one time?

- A. Green
- *B. Bisque
- C. Bone dry
- D. Leather hard

Big Idea: Skills, Techniques, and Processes

Enduring Understanding: 2: Development of skills, techniques, and processes in the arts strengthens our ability to remember, focus on, process, and sequence information.

Benchmark: VA.912.S.2.1 Demonstrate organizational skills to influence the sequential process when creating artwork.

Clarification: Use organizational and sequential processes when creating artwork.

Performance Level Descriptor: To demonstrate proficiency, students will demonstrate their knowledge of the sequential process of creating artwork.

Content Focus: Art processes

Content Limits: Students may describe processes that are used in creating a variety of three-dimensional media.

Recommended DOK Level: Low

Item Types:

• Multiple Choice

- Each item will have four options.
- Options can appear as photographs, illustrations, single words, or short phrases and sentences.
- When a stimulus is used, options will be ordered as they appear in the stimulus.

What did the artist do last when finishing the artwork?



- *A. Carefuly apply glazes
- B. Made the butterfly shapes
- C. Put the top layer on the cake
- D. Smoothed out the sides of the cake

Big Idea: Skills, Techniques, and Processes

Enduring Understanding: 3: Through purposeful practice, artists learn to manage, master, and refine simple, then complex, skills and techniques.

Benchmark: VA.912.S.3.1 Manipulate materials, techniques, and processes through practice and perseverance to create a desired result in two- and/or three-dimensional artworks.

Clarification: Use specific tools, techniques, and processes to create works of art.

Performance Level Descriptor: To demonstrate proficiency, students will create works of art using specific tools and techniques to create works of art.

Content Focus: Manipulate materials

Content Limits: Content includes, but is not limited to, tools and processes frequently used in the art classroom. Media and tools include, but are not limited to, clay, plaster, paint, glaze, and shaping and carving tools.

Recommended DOK Level: High

Item Types:

- Multiple Choice
- Performance Task

Multiple-Choice Attributes:

- Each item will have four options.
- Options can appear as photographs, illustrations, single words, or short phrases and sentences.
- When a stimulus is used, options will be ordered as they appear in the stimulus.

Sample Multiple-Choice Item:

What technique is used to join two pieces of leather hard clay together?

- A. File and sand
- *B. Score and slip
- C. Wedge and kneed
- D. Burnish and polish

Sample Performance Task:

Materials:

• A piece of clay and a modeling tool

Setup:

• Each student has his or her own materials and workspace.

Prompt:

• Say: —Pinch the clay into a piece of pottery. Use a tool to incise pottery to create negative space."

Item Rubric	
2 points	The student shapes the clay and uses a tool to create negative space.
1 point	The student shapes the clay and uses a tool but does not create negative space.
0 points	The student is unable to perform the task, does not understand how to complete the
	task, or unsuccessfully completes the task.

Big Idea: Skills, Techniques, and Processes

Enduring Understanding: 3: Through purposeful practice, artists learn to manage, master, and refine simple, then complex, skills and techniques.

Benchmark: VA.912.S.3.3 Review, discuss, and demonstrate the proper applications and safety procedures to use hazardous chemicals and equipment during the art-making process.

Clarification: Describe or explain the proper applications and safety procedures when using hazardous chemicals and/or equipment when making art.

Performance Level Descriptor: To demonstrate proficiency, students will describe safety procedures when dealing with hazardous chemicals or equipment in the art room.

Content Focus: Safety procedures

Content Limits: Content includes, but is not limited to, electric drill, carving and cutting tools, paper cutter, kiln, and Material Safety Data Sheets (MSDS) labels: glazes, chemicals, etching solutions.

Recommended DOK Level: Moderate

Item Types:

- Multiple Choice
- Constructed Response

Multiple-Choice Attributes:

- Each item will have four options.
- Options can appear as photographs, illustrations, single words, or short phrases and sentences.
- When a stimulus is used, options will be ordered as they appear in the stimulus.

Sample Multiple-Choice Item:

Which object could easily burn you in the art room?

- *A. Kiln
- B. Sander
- C. Electric drill
- D. Potter's wheel

Sample Constructed-Response Item:

Prompt:

What are two objects in the art room that could cause you to get a bad cut if you do not follow safety procedures?

Exemplar Response:

A carving chisel and a paper cutter could both lead to bad cuts if you do not follow safety procedures.

Item Rub	Item Rubric	
2 points	The student lists two objects in an art room that could cause a bad cut, for example, paper cutter, carving chisel, scissors, razor blade, lacing tool, or similar sharp edged item.	
1 point	The student lists one thing in an art room that could cause a bad cut.	
0 points	The response indicates inadequate or no understanding of the concept needed to answer the item. The student may have written on a different topic or written, +don't know."	

Big Idea: Skills, Techniques, and Processes

Enduring Understanding: 3: Through purposeful practice, artists learn to manage, master, and refine simple, then complex, skills and techniques.

Benchmark: VA.912.S.3.4 Demonstrate personal responsibility, ethics, and integrity, including respect for intellectual property, when accessing information and creating works of art.

Clarification: Develop personal responsibilities, ethics, integrity, and respect for intellectual property when gathering information and creating works of art.

Performance Level Descriptor: To demonstrate proficiency, students will be responsible, ethical, and respectful of intellectual property when gathering information about art and creating works of art.

Content Focus: Personal responsibility

Content Limits: Content includes, but is not limited to, plagiarism and appropriation from the Internet and other sources.

Recommended DOK Level: Moderate

Item Types:

Multiple Choice

Multiple-Choice Attributes:

- Each item will have four options.
- Options can appear as photographs, illustrations, single words, or short phrases and sentences.
- When a stimulus is used, options will be ordered as they appear in the stimulus.

Sample Multiple-Choice Item:

What is it called if you copy another artist's work and try to pass it off as your own?

- A. Duplication
- B. Fabrication
- C. Forgery
- *D. Plagiarism

Big Idea: Skills, Techniques, and Processes

Enduring Understanding: 3: Through purposeful practice, artists learn to manage, master, and refine simple, then complex, skills and techniques.

Benchmark: VA.912.S.3.7 Use and maintain tools and equipment to facilitate the creative process.

Clarification: Demonstrate the proper use of tools and equipment.

Performance Level Descriptor: To demonstrate proficiency, students will use tools and equipment needed to master and refine their art techniques.

Content Focus: Improving art skills

Content Limits: Content includes, but is not limited to, sewing machine, pottery wheel, kiln, technology, printing press, and hand tools.

Recommended DOK Level: Low

Item Types:

• Multiple Choice

Multiple-Choice Attributes:

- Each item will have four options.
- Options can appear as photographs, illustrations, single words, or short phrases and sentences.
- When a stimulus is used, options will be ordered as they appear in the stimulus.

Sample Multiple-Choice Item:

What is one of the most important steps in throwing pottery?

- *A. Centering the clay on the wheel
- B. Choosing the right amount of water
- C. Sitting up straight at the pottery wheel
- D. Using just your hands to mold the clay

Big Idea: Skills, Techniques, and Processes

Enduring Understanding: 3: Through purposeful practice, artists learn to manage, master, and refine simple, then complex, skills and techniques.

Benchmark: VA.912.S.3.10 Develop skill in sketching and mark-making to plan, execute, and construct two-dimensional images or three-dimensional models.

Clarification: Describe ways to sketch and mark-up plans to make two- or three-dimensional designs.

Performance Level Descriptor: To demonstrate proficiency, students will describe skills in sketching that help execute artworks that are two-dimensional and three-dimensional.

Content Focus: Art skills

Content Limits: Content includes, but is not limited to, drawing: complex composition; architectural rendering: plans and models; and sculpture: carving.

Recommended DOK Level: Moderate

Item Types:

• Multiple Choice

Multiple-Choice Attributes:

- Each item will have four options.
- Options can appear as photographs, illustrations, single words, or short phrases and sentences.
- When a stimulus is used, options will be ordered as they appear in the stimulus.

Sample Multiple-Choice Item:

Before you create an original work of art, what is the most important planning tool?

- A. Buy your materials
- B. Look in art magazines
- C. Plan your work space
- *D. Sketch your design

Big Idea: Skills, Techniques, and Processes

Enduring Understanding: 3: Through purposeful practice, artists learn to manage, master, and refine simple, then complex, skills and techniques.

Benchmark: VA.912.S.3.11 Store and maintain equipment, materials, and artworks properly in the art studio to prevent damage and/or cross-contamination.

Clarification: Explain or describe the process of storing and maintaining equipment and materials in the art studio.

Performance Level Descriptor: To demonstrate proficiency, students will describe how equipment and materials should be stored properly in the art studio to prevent damage and/or cross-contamination.

Content Focus: Storage of art materials

Content Limits: Content includes, but is not limited to, paint, clay, glaze, plaster, kiln, potter's wheel, mixers, paper cutters, chisels, and chemicals used in art.

Recommended DOK Level: Low

Item Types:

Multiple Choice

Multiple-Choice Attributes:

- Each item will have four options.
- Options can appear as photographs, illustrations, single words, or short phrases and sentences.
- When a stimulus is used, options will be ordered as they appear in the stimulus.

Sample Multiple-Choice Item:

What should you do with your wet artwork and supplies at the end of the period?

- *A. Put it in a drying area
- B. Leave everything on the table
- C. Put it in your neighbor's portfolio
- D. Ask the teacher to hold your work

Big Idea: Skills, Techniques, and Processes

Enduring Understanding: 3: Through purposeful practice, artists learn to manage, master, and refine simple, then complex, skills and techniques.

Benchmark: VA.912S.3.12 Develop competence and dexterity, through practice, in the use of processes, tools, and techniques for various media.

Clarification: Describe the processes, tools, and techniques for various art media to develop competence and dexterity.

Performance Level Descriptor: To demonstrate proficiency, students will describe and explain the processes, tools, and techniques for various art media to develop competence and dexterity.

Content Focus: Art skills

Content Limits: Content includes, but is not limited to, printmaking: relief print; ceramics: wheel-throwing; drawing: charcoal; painting: watercolor; and technology: layering images.

Recommended DOK Level: Moderate

Item Types:

- Multiple Choice
- Constructed Response

Multiple-Choice Attributes:

- Each item will have four options.
- Options can appear as photographs, illustrations, single words, or short phrases and sentences.
- When a stimulus is used, options will be ordered as they appear in the stimulus.

Sample Multiple-Choice Item:

What is the first step when preparing the clay body for work?

- A. Burnish
- B. Incise
- C. Score
- *D. Wedge

Sample Constructed-Response Item:

Prompt:

When constructing a paper sculpture, what techniques could be applied?

Exemplar Response:

You can fold or even rip paper to construct a paper sculpture.

Item Rubric	
2 points	The student lists two techniques to use when working with paper.
	These include, but are not limited to, the following:
	• Cut
	• Rip
	• Fold
	Measure
	• Score
	Measure
	Glue
	Crimp
	Shading techniques
1 point	The student lists one technique to use with paper.
0 points	The response indicates inadequate or no understanding of the concept needed to
	answer the item. The student may have written on a different topic or written, +don't
	know."

Big Idea: Organizational Structure

Enduring Understanding: 1: Understanding the organizational structure of an art form provides a foundation for appreciation of artistic works and respect for the creative process.

Benchmark: VA.912.O.1.1 Use the structural elements of art and the organizational principles of design in works of art to establish an interpretive and technical foundation for visual coherence.

Clarification: Describe the structural elements of art and the organizational principles of design to have visual coherence in works of art.

Performance Level Descriptor: To demonstrate proficiency, students will describe structural elements of art and organizational principles that bring coherence to works of art.

Content Focus: Art structure

Content Limits: Content includes, but is not limited to, line, color, texture, shape, form, value, movement, repetition, emphasis, proportion, and space.

Recommended DOK Level: Moderate

Item Types:

Multiple Choice

- Each item will have four options.
- Options can appear as photographs, illustrations, single words, or short phrases and sentences.
- When a stimulus is used, options will be ordered as they appear in the stimulus.



What element of art has been emphasized in this sculpture?

- A. Line
- *B. Color
- C. Space
- D. Texture

Big Idea: Organizational Structure

Enduring Understanding: 1: Understanding the organizational structure of an art form provides a foundation for appreciation of artistic works and respect for the creative process.

Benchmark: VA.912.O.1.5 Investigate the use of space, scale, and environmental features of a structure to create three-dimensional form or the illusion of depth and form.

Clarification: Describe and explain the use of space, scale, and environmental features in construction of three-dimensional form or illusion of depth and form.

Performance Level Descriptor: To demonstrate proficiency, students will describe and explain the use of space, scale, and environmental features in construction of three-dimensional form or illusion of depth and form.

Content Focus: Art structure

Content Limits: Content includes, but is not limited to, sculpture, architecture, ceramics, papier-mâché, computer-generated art, and carvings.

Recommended DOK Level: Low

Item Types:

Multiple Choice

- Each item will have four options.
- Options can appear as photographs, illustrations, single words, or short phrases and sentences.
- When a stimulus is used, options will be ordered as they appear in the stimulus.



Which process is used to make this artwork three-dimensional?

- A. Additive
- *B. Subtractive
- C. Polychromatic
- D. Monochromatic

Big Idea: Organizational Structure

Enduring Understanding: 2: The structural rules and conventions of an art form serve as both a foundation and departure point for creativity.

Benchmark: VA.912.O.2.1 Construct new meaning through shared language, ideation, expressive content, and unity in the creative process.

Clarification: Use expressive content and language to create art that expresses a clear meaning.

Performance Level Descriptor: To demonstrate proficiency, students will create art that has expressive content and conveys a meaning.

Content Focus: Construct new meaning

Content Limits: Content includes, but is not limited to, visual representations of expression in three-dimensional works of art. Materials include, but are not limited to, clay, plaster, hand tools, paint, and glaze.

Recommended DOK Level: High

Item Types:

Performance Task

Sample Performance Task:

Materials:

Paper and pencil/pen

Setup:

Each student has his or her own materials and workspace.

Prompt:

• Say: Imagine creating a mosaic that expresses a feeling, then sketch out a concept."

Item Rubric	
2 points	The student creates a sketch of a mosaic that uses shape, color, or other elements to
	create an expression.
1 point	The student creates a sketch of a mosaic that does not express a feeling.
0 points	The student is unable to perform the task, does not understand how to complete the
	task, or unsuccessfully completes the task.

Big Idea: Organizational Structure

Enduring Understanding: 3: Every art form uses its own unique language, verbal and nonverbal, to document and communicate with the world.

Benchmark: VA.912.O.3.1 Create works of art that include symbolism, personal experiences, or philosophical view to communicate with an audience.

Clarification: Use symbolism, personal experience, or philosophical view to communicate with the viewer.

Performance Level Descriptor: To demonstrate proficiency, students will understand how to communicate through the use of art.

Content Focus: Purposes of art

Content Limits: Content includes, but is not limited to, ceramics, papier-mâché, wood carvings, and sculptures.

Recommended DOK Level: Low

Item Types:

Multiple Choice

- Each item will have four options.
- Options can appear as photographs, illustrations, single words, or short phrases and sentences.
- When a stimulus is used, options will be ordered as they appear in the stimulus.



What do you think this piece of art is trying to communicate to an audience?

- A. How much they like pigs
- B. How to use animals in art
- *C. How they have lost money
- D. How easily things can break

Big Idea: Historical and Global Connections

Enduring Understanding: 1: Through study in the arts, we learn about and honor others and the worlds in which they live(d).

Benchmark: VA.912.H.1.2 Analyze the various functions of audience etiquette to formulate guidelines for conduct in different art venues.

Clarification: Understand and follow guidelines for viewing and handling art in a public space.

Performance Level Descriptor: To demonstrate proficiency, students will demonstrate knowledge of etiquette in art venues.

Content Focus: Audience etiquette

Content Limits: Content includes, but is not limited to, audience etiquette for viewing art in museums, galleries, outdoor galleries, and the classroom.

Recommended DOK Level: Low

Item Types:

• Multiple Choice

Multiple-Choice Attributes:

- Each item will have four options.
- Options can appear as photographs, illustrations, single words, or short phrases and sentences.
- When a stimulus is used, options will be ordered as they appear in the stimulus.

Sample Multiple-Choice Item:

How should you speak when viewing art at a museum?

- *A. Softly
- B. Loudly
- C. Clearly
- D. Positively

Big Idea: Historical and Global Connections

Enduring Understanding: 1: Through study in the arts, we learn about and honor others and the worlds in which they live(d).

Benchmark: VA.912.H.1.9 Describe the significance of major artists, architects, or masterworks to understand their historical influences.

Clarification: Analyze and evaluate the contributions and influences of well-known artists, architects, or masterworks.

Performance Level Descriptor: To demonstrate proficiency, students will describe contributions made by established artists.

Content Focus: Significance of major artists

Content Limits: Content includes, but is not limited to, sculptors and architects whose works is familiar to students.

Recommended DOK Level: Moderate

Item Types:

- Multiple Choice
- Constructed Response

Multiple-Choice Attributes:

- Each item will have four options.
- Options can appear as photographs, illustrations, single words, or short phrases and sentences.
- When a stimulus is used, options will be ordered as they appear in the stimulus.

Sample Multiple-Choice Item:

Frank Lloyd Wright's contribution to art history included?

- A. Painting
- B. Sculpture
- C. Ceramics
- *D. Architecture

Sample Constructed-Response Item:

Prompt:



By Deror avi (Own work) [Attribution], via Wikimedia Commons

What differentiates Dale Chihuly's works from most glass artists?

Exemplar Response:

Dale Chihuly's glass sculptures are often ceiling installations with strong use of color.

Item Rubric	
2 points	The student correctly describes any two of the following: installation art, use of color, collaborative contribution to the creation of art, fabricated, free standing, ceiling mounted, cast and/or blown, and/or organic.
1 point	The student mentions one of the following: installation art, use of color, collaborative contribution to the creation of art, fabricated, free standing, ceiling mounted, cast and/or blown, and/or organic.
0 points	The response indicates inadequate or no understanding of the concept needed to answer the item. The student may have written on a different topic or written +don't know."

Big Idea: Historical and Global Connections

Enduring Understanding: 2: The arts reflect and document cultural trends and historical events, and help explain how new directions in the arts have emerged.

Benchmark: VA.912.H.2.4 Research the history of art in public places to examine the significance of the artwork and its legacy for the future.

Clarification: Describe the significance of art in public places by researching the significance and its legacy for the future.

Performance Level Descriptor: To demonstrate proficiency, students will describe the significance of art in public places by researching the significance and its legacy for the future.

Content Focus: History of art

Content Limits: Content includes, but is not limited to, patron and corporate collections.

Recommended DOK Level: Moderate

Item Types:

Multiple Choice

- Each item will have four options.
- Options can appear as photographs, illustrations, single words, or short phrases and sentences.
- When a stimulus is used, options will be ordered as they appear in the stimulus.



This sculpture, created by Pablo Picasso, is on public display in the city of Chicago. The city regularly uses images of the sculpture within its promotional and tourism materials.

What does the city's use of this artwork demonstrate about the work's lasting importance?

- A. The sculpture is large, cor-ten steel, and abstract.
- B. The sculpture represents the artist's love of the city.
- C. The sculpture cost the city a large amount of money.
- *D. The sculpture has become important for local industry.

Big Idea: Historical and Global Connections

Enduring Understanding: 3: Connections among the arts and other disciplines strengthen learning and the ability to transfer knowledge and skills to and from other fields.

Benchmark: VA.912.H.3.3 Use materials, ideas, and/or equipment related to other content areas to generate ideas and processes for the creation of works of art.

Clarification: Identify materials, ideas, or equipment used in other content areas to create ideas and processes in works of art.

Performance Level Descriptor: To demonstrate proficiency, students will identify materials, ideas, or equipment from other content areas to generate ideas to create art.

Content Focus: Art in other disciplines

Content Limits: Content includes, but is not limited to, microscope, skeleton, Fibonacci sequence, Golden Mean, and measurement: pica, inches, and points.

Recommended DOK Level: Moderate

Item Types:

Multiple Choice

- Each item will have four options.
- Options can appear as photographs, illustrations, single words, or short phrases and sentences.
- When a stimulus is used, options will be ordered as they appear in the stimulus.



In construction of the Parthenon, the builders would have needed skills in what subject area?

- A. Chemistry
- B. Health
- *C. Mathematics
- D. Psychology

Big Idea: Innovation, Technology, and the Future

Enduring Understanding: 1: Creating, interpreting, and responding in the arts stimulate the imagination and encourage innovation and creative risk-taking.

Benchmark: VA.912.F.1.2 Manipulate or synthesize established techniques as a foundation for individual style initiatives in two-, three-, and/or four-dimensional applications.

Clarification: Establish an individual style by utilizing variations of established techniques.

Performance Level Descriptor: To demonstrate proficiency, students will create a work of art which uses variations on established techniques to demonstrate their individual style.

Content Focus: Art technique

Content Limits: Content is limited to artworks that are three-dimensional objects relevant to the course.

Recommended DOK Level: high

Item Types:

Performance Task

Sample Performance Task:

Materials:

A piece of paper, pencils, colored pencils, or other drawing utensils

Setup:

Each student has his or her own work space and materials.

Prompt:

• Say: Imagine using coils to design an original ceramic piece. Sketch the design and write a sentence describing how this design reflects your personal style."

Item Rubric	
2 points	The student's sketch indicates use of coils and form.
1 point	The student's sketch indicates use of coils or form.
0 points	The student is unable to perform the task, does not understand how to complete the
	task, or unsuccessfully completes the task.

Big Idea: Innovation, Technology, and the Future

Enduring Understanding: 2: Careers in and related to the arts significantly and positively impact local and global economies.

Benchmark: VA.912.F.2.1 Examine career opportunities in the visual arts to determine requisite skills, qualifications, supply-and-demand, market location, and potential earnings.

Clarification: Identify career opportunities in the visual arts to determine skills and qualifications that are needed in addition to the demand, market location, and potential earnings of the discipline.

Performance Level Descriptor: To demonstrate proficiency, students will identify three-dimensional design career opportunities.

Content Focus: Art careers

Content Limits: Careers may include, but are not limited to, sculpture, architecture, industrial design, and three-dimensional computer design/animation.

Recommended DOK Level: Moderate

Item Types:

Constructed Response

Sample Constructed-Response Item:

Prompt:

List a career that reflects to three-dimensional design and the skills that would be required.

Exemplar Response:

Fashion design is a career in three-dimensional design. Being able to sketch, plan, and create a pattern are important in fashion design.

Item Ruk	pric
2 points	The student lists a career and skills in three-dimensional design.
· .	These include, but are not limited to:
	Careers:
	Fashion design
	 Landscape design
	State design
	Packaging design
	Interior design
	Skills:
	 Being able to plan
	Knowing proportion
	 Choosing texture
	Drawing scales
	 Selecting materials
	 Sketching proposals
	Creating estimates
	Designing patterns
1 point	The student lists one thing about careers in 3D animation.
0 points	The response indicates inadequate or no understanding of the concept needed to answer
	the item. The student may have written on a different topic or written 4-don't know."

Big Idea: Innovation, Technology, and the Future

Enduring Understanding: 3: The 21st-century skills necessary for success as citizens, workers, and leaders in a global economy are embedded in the study of the arts.

Benchmark: VA.912.F.3.4 Follow directions and use effective time-management skills to complete the art-making process and show development of 21st-century skills.

Clarification: Explain why following directions and using effective time-management skills are important in completing art in the 21st century.

Performance Level Descriptor: To demonstrate proficiency, students will explain why following directions and using effective time-management skills are important in completing art in the 21st century.

Content Focus: Following directions and using time management in the arts

Content Limits: Content includes, but is not limited to, punctuality, reliability, diligence, and positive work ethic.

Recommended DOK Level: Low

Item Types:

Constructed Response

Sample Constructed-Response Item:

Prompt:

Describe two examples of time management skills.

Exemplar Response:

Two examples of time management skills are developing a plan and completing the project on time.

Item Rub	Item Rubric	
2 points	The student lists two time management skills.	
	These include, but are not limited to:	
	Developing a plan	
	Preparing materials	
	Completing the project on time	
	Turning the project in	
1 point	The student lists one thing about the importance of having a good work ethic.	
0 points	The response indicates inadequate or no understanding of the concept needed to answer	
	the item. The student may have written on a different topic or writtendon't know."	

Big Idea: Innovation, Technology, and the Future

Enduring Understanding: 3: The 21st-century skills necessary for success as citizens, workers, and leaders in a global economy are embedded in the study of the arts.

Benchmark: VA.912.F.3.5 Use appropriately cited sources to document research and present information on visual culture.

Clarification: Identify how to cite sources in research when presenting information on visual culture.

Performance Level Descriptor: To demonstrate proficiency, students will appropriately identify how to cite sources to document research and present information on visual culture.

Content Focus: Art citation skills

Content Limits: Content includes, but is not limited to, visual, digital, and textual information.

Recommended DOK Level: Moderate

Item Types:

Multiple Choice

Multiple-Choice Attributes:

- Each item will have four options.
- Options can appear as photographs, illustrations, single words, or short phrases and sentences.
- When a stimulus is used, options will be ordered as they appear in the stimulus.

Sample Multiple-Choice Item:

Which fact is important to include in all citations for works of art?

- A. Value of art
- B. Type of media
- *C. Date of creation
- D. Current location

Standard: LAFS.910.SL.1.1

Strand: Standards for Speaking and Listening

Cluster: 1. Comprehension and Collaboration

Standard: LAFS.910.SL.1.1 Initiate and participate effectively in a range of collaborative discussions (one-on-one, in groups, and teacher-led) with diverse partners on grades 9–10 topics, texts, and issues, building on others' ideas and expressing their own clearly and persuasively.

Do Not Assess Benchmark: An individual score cannot be provided for students assessed on collaboration.

Standard: LAFS.910.W.2.4

Strand: Writing Standards

Cluster: 2. Production and Distribution of Writing

Standard: LAFS.910.W.2.4 Produce clear and coherent writing in which the development,

organization, and style are appropriate to task, purpose, and audience.

Clarification: Writes art-related content in clear and coherent paragraphs.

Performance Level Descriptor: To demonstrate proficiency, students will write a short essay to a targeted audience that is clear and coherent.

Content Focus: Writing in art

Content Limits: Students must be instructed to write a short essay in the prompt of the item. Art-related content is limited to three-dimensional art as per course description.

Recommended DOK Level: Moderate

Item Types:

Constructed Response

Standard: LAFS.910.W.3.9

Strand: Writing Standards

Cluster: 3. Research to Build and Present Knowledge

Standard: LAFS.910.W.3.9 Draw evidence from literary or informational texts to support analysis, reflection, and research.

Clarification: Analyzes a literary or informational text to create a description, analysis, or original artwork based on the details or evidence provided by the text.

Performance Level Descriptor: To demonstrate proficiency, students will create a description, analysis, or an original artwork that is a literal representation of a text by analyzing the evidence or details describe in a literary or informational text.

Content Focus: Creating art from text

Content Limits: Texts may include but are not limited to stories, myths, passages from stories, biographies, poems, quotes, articles, and other non-fictional texts. Prior knowledge in other subject areas should not be required by the student. Texts should allow for art-related responses. Art-related content is limited to three-dimensional art as per course description.

Recommended DOK Level: High

Item Types:

- Multiple Choice
- Constructed Response
- Performance Task

- Each item will have four options.
- Options can appear as photographs, illustrations, single words, or short phrases and sentences.
- When a stimulus is used, options will be ordered as they appear in the stimulus.