WELCOME TO THE WHITNEY!

Dear Teachers,

We are delighted to welcome you to the exhibition, Frank Stella: A Retrospective, on view at the Whitney from October 30, 2015 through February 7, 2016. The exhibition features paintings, reliefs, sculpture, and prints that span the artist’s career. Also on view are drawings and maquettes that exemplify Stella’s conceptual and material process.

For almost six decades, Stella has explored the materials and processes of painting. From his earliest paintings completed when he was in his twenties to his recent large-scale work, Stella has continually re-invented and pushed the limits of abstraction. He asks us to consider what an abstract painting can be. Can it tell a story, sound like music, or is it just lines, shapes and colors? Or perhaps an abstract painting is just the materials it is made of, as Stella simply said, “What you see is what you see.”


When you and your students visit the exhibition, you will see a selection of works by Stella that reveal how he has explored and experimented with abstract painting. This guide provides a framework for preparing you and your students for a visit to the exhibition and offers suggestions for follow up classroom reflection and lessons. The discussions and activities introduce some of the exhibition’s key themes and concepts. These materials have been written for Elementary, Middle, or High School students. We encourage you to adapt and build upon them in order to meet your teaching objectives and students’ needs.

We look forward to welcoming you and your students at the Museum.

Enjoy your visit!

The School and Educator Programs team at the Whitney
CONTENTS

pp. 3-5  Frank Stella: A Retrospective
pp. 6-10  Pre- & Post-visit Activities
pp. 11-15  Images & Information
p. 16  Bibliography & Links
pp. 17-19  At the Museum

Cover image:
FRANK STELLA: A RETROSPECTIVE

“The more paintings you make, the more you learn.”
—Frank Stella

By any measure, Frank Stella has learned—and taught us—a great deal about abstract painting. For almost six decades he has worked with unparalleled intensity, producing several thousand paintings, drawings, prints, and sculptures. The exhibition—which inevitably presents only a selection of Stella’s vast output—is the artist’s first retrospective in the United States in almost thirty years. Although its thrust is chronological, the artist, who was deeply involved in its installation, made a number of strategic interventions into the exhibition’s temporal thread to reveal the range of his visual concerns as well as continuities in seemingly disparate works. Some rooms function as medleys, drawing out relationships among works executed across the years—suggesting that even the most minimalist compositions are not devoid of meaning but invite associations with architecture, landscapes, and literature.

Born in Malden, Massachusetts in 1936, Stella’s first experience with paint was painting houses and boats with his father in his youth. He began making art seriously in the early 1950s while attending Phillips Academy in Andover, Massachusetts. Between 1954 and 1958 Stella studied painting and history at Princeton University, where he first produced paintings in an Abstract Expressionist style, employing loose brushwork and abstract forms. When he moved to New York’s Lower East Side in 1958, Stella’s compositions grew clearer and more defined as he addressed the problem of how to make a painting. In his exploration of abstraction, Stella worked in series, developing increasingly complex variations on selected themes.

Frank Stella, Die Fahne hoch!, 1959. Enamel on canvas. 121 5/8 x 72 13/16 in. (308.9 x 184.9 cm). Whitney Museum of American Art, New York; gift of Mr. and Mrs. Eugene M. Schwartz and purchase with funds from the John I. H. Baur Purchase Fund, the Charles and Anita Blatt Fund, Peter M. Brant, B. H. Friedman, the Gilman Foundation, Inc., Susan Morse Hilles, The Lauder Foundation, Frances and Sydnee Lewis, the Albert A. List Fund, Philip Morris Incorporated, Sandra Payson, Mr. and Mrs. Albrecht Saalfield, Mrs. Percy Uris, Warner Communications Inc., and the National Endowment for the Arts 75.22. © 2015 Frank Stella/Artists Rights Society (ARS), New York. Digital Image © Whitney Museum, N.Y.
FRANK STELLA (CONTINUED)

By 1959, Stella was making symmetrical, linear compositions that systematically alternated bands of black enamel house paint with lines of exposed canvas, creating a unified, forceful, and immediate visual impact and object-like quality. The result was his first series of radical abstractions, the Black Paintings, (1958-60). The Black Paintings, in their simplicity and use of a single color, opened new paths for abstraction and exerted a profound influence on the art of the 1960s.

In the following decade, Stella began producing shaped canvases that opened up new possibilities for what “pictorial structure could be.” Rather than serving as neutral supports, the canvas and stretcher bars instead became essential parts of the image. By the mid-1960s he was producing bright, multi-colored, and even more eccentrically shaped paintings with rigidly crisp, geometric forms.

In the late 1960s, Stella began gradually but methodically to incorporate increasingly different kinds of elements into his painting—color, material, and space—as if to see just how far he could push
abstraction. His Protractor Paintings (1967-71) built upon these explorations in color and shape. The use of curvilinear elements, which have often been compared to patterns traditionally found in Islamic art, added compositional and linear complexity to his work. During the 1970s, Stella opened up the medium of painting as radically as he had once reduced it, making curvilinear, improvisational, highly painterly works which he executed on massive aluminum armatures.

Stella’s fearless attitude toward change and constant willingness to set himself new problems and explore new forms, materials, and techniques has meant that his art has always responded actively to its time. Over the last thirty-five years, much of Stella’s work has been related in spirit to literature and music. In recent decades he has made strategic use of advanced technologies such as 3-D printing, and computer-aided design (CAD) software has been essential in his visualization and fabrication of complex sculptural forms. Stella’s recent work testifies to his flexible, innovative approach to the aesthetic problems he sets for himself as well as his ability to constantly reinvent himself.

Works cited

PRE-VISIT ACTIVITIES

Before visiting the Whitney, we recommend that you and your students explore and discuss some of the ideas and themes in the exhibition. You may want to introduce students to at least one or two works of art in the exhibition. See the Images and Related Information section of this guide on pages 11-15 for examples of works that may have particular relevance to your classroom.

Objectives:
- Introduce students to the work of Frank Stella.
- Introduce students to the themes they may encounter on their museum visit.
- Explore some of the ways that Stella learned about painting.

1. **Artist as: Experimenter: What is a painting?**

   “There are two problems in painting. One is to find out what painting is and the other is to find out how to make a painting.”


Early in his artistic career, Frank Stella learned about painting by questioning what it is. Ask your students to discuss what constitutes their idea of a painting and what a painting can be about. Consider what materials and tools it is made with, what the support can be (for example, canvas, paper, wall, wood, metal, glass), who makes the painting, and how it is viewed.

   a. You may want to ask younger students to imagine what they could paint with instead of brushes. For example, fingers, hands, or sponges.

   b. Ask students to think about what makes a painting different from other types of art, such as a drawing or a sculpture.

   c. If your class has recently done an art project or seen an exhibition at a gallery or an art museum, ask them to consider how the work that they made or looked at together as a class matches their definition of a painting.

   d. Write your students’ ideas about painting on a smartboard or large sheet of paper on the wall. Save a screenshot or take a photograph for a post-visit follow up discussion.
2. **Artist as Experimenter: Abstract Surroundings**
   
   “Learning how to make abstract paintings is just about learning how to paint, literally learning what paint and canvas can do.”
   
   —Frank Stella

While learning how to make abstract paintings, Stella adopted a systematic, problem-solving approach. *East Broadway* (1958) takes its title from the main thoroughfare of New York’s Chinatown, which was just a few blocks from Stella’s first loft on Eldridge Street. Upon moving to New York City in 1958, Stella painted houses part-time—and he used the same commercial paints in his art. He bought unfashionable colors from the bargain bin, used a house-painter’s brush, and stretched his canvas on frames he built from 1x3" boards. Stella titled some of this series of paintings after places in New York City, noting that their geometric structure reminded him of the semi-industrial, downtown cityscape that surrounded him at that time.

   a. Ask your students to view and discuss *East Broadway*, 1958 on page 11. Do the shapes or patterns in this painting remind them of anything? Have them imagine that the image extends beyond the limits of the painting’s edges. What else might they see in the surrounding space? Ask your students to discuss or draw what they might see.

   b. Ask students to use two or three colors and two or three shapes to create an abstract work based on their surroundings—for example, a part of their school, city, or town.

3. **Artist as Experimenter: Optical Illusion**

   Ask your students to view and discuss *Jasper’s Dilemma*, 1962 on page 12. Have them describe the shapes they see in this work. Explore how the colors and shapes behave. Do the shapes jump out at them or recede into the background?

   a. Ask your students to make a square by folding one corner of a sheet of letter size paper to the edge of the paper and removing the excess rectangle that does not form the square.

   b. Ask students to experiment with composition and pictorial space by folding their paper squares in different ways. Experiment with grid, diamond, or triangle patterns, and other symmetrical shapes. Have them divide the square into a given fraction such as thirds, fifths, eighths, and so on.

   c. Have students use three to six colors or shades of gray to fill in the shapes created by the folded lines in their compositions. What new shapes and forms appear on their square sheet of paper?
POST-VISIT ACTIVITIES

Objectives
- Enable students to reflect upon and discuss some of the ideas and themes from the exhibition.
- Have students further explore some of the artist’s ideas through discussion and artmaking activities.

1. Museum Visit Reflection
After your museum visit, ask students to take a few minutes to write about their experience. What new ideas did the exhibition give them? How did the exhibition change their ideas about what a painting can be? What other questions do they have? Ask students to share their thoughts with the class.

2. Artist as Experimenter: Shape the Composition
Ask your students to review and discuss Harran II, 1967 on page 13. What mood does this painting evoke?

With your students, discuss how they could create other rhythms or sensations with these shapes. For example: what shapes and colors would they use to create a composition that is: peaceful or energetic, relaxed or tense, balanced or unbalanced, wild or calm, geometric or organic, symmetrical or asymmetrical? Students could choose their own descriptive word.

a. Copy and give each student the template on the next page. Ask students to first draw shapes within the squares and quarter circles, then cut out the shapes and make a collage by joining the square and quarter circle shapes together in a configuration of their own design that evokes the descriptive word they selected. Students may want to draw shapes that follow the contours of the squares or quarter circles.

b. Have students use glue sticks to adhere the shapes to another sheet of paper or cardstock. When they’ve made their collages, ask students to color the shapes, using colors that again evoke the word they chose to evoke the rhythm or sensation of their composition.

c. Ask students to find a partner and describe each other’s compositions. Have them discuss what makes their composition convey peacefulness, energy, relaxation, tension, wildness, calmness, etc.

d. Share and discuss students’ compositions. Is there anything in common among the compositions that are peaceful? Energetic? Relaxed? Tense? If so, what?
POST-VISIT ACTIVITIES (CONTINUED)

3. **Artist as Experimenter: Picture the Story**
Ask your students to view *The Grand Armada*, 1987 on page 14. Find Chapter 87 of *Moby-Dick* here:
http://www.gutenberg.org/files/2701/2701-h/2701-h.htm
Ask students to read the chapter aloud in class. How does Stella convey a sense of the whale hunt through line, shape, color, movement, and energy?

a. Ask students to create an abstract artwork based on a book you’ve read as a class or a book of their choice. Have them choose three key images from the book or a chapter in the book to use. Ask students to play with line, shape, color, pattern, overlapping, orientation, and scale to provide a sense of the narrative and the overall mood of the book.

b. Discuss students’ work with the class. What books did they choose? How did they convey a sense of the book?

4. **Artist as Experimenter: See the Music**
Ask your students to view *K.81 Combo (K.37 and K.43) large size*, 2009 on page 15. Ask younger kids what the shapes, cobs and forms might sound like—for example, sharp, smooth, quiet, or loud. Play the Scarlatti sonata for your students while looking at the image:
https://www.youtube.com/watch?v=ibqmrpHGi4
Do they see any connections between what they’re listening to and what they see in this work?

a. Play a selection of music for younger students or ask older students to play music clips of their choice. List at least five adjectives that describe the quality of your music. For example, loud, cheerful, serious, aggressive, soothing, whimsical, somber, repetitive.

b. Ask students to use colored construction paper or card stock to cut, tear, rip, fold, bend, twist, or crumble paper forms and tape or staple them together to make relief sculptures that convey a sense of the sounds, energy, rhythm, and pattern of the music. Have students attach their paper shapes to chipboard, cardboard, or other type of sturdy support. Play the music on repeat as students are making their works.

c. Ask students to share their completed works. Review their list of adjectives. Does their sculpture communicate a sense of the music and the adjectives they selected?

**IMAGES AND RELATED INFORMATION**
On the following pages, we have included some selected images from the exhibition, along with relevant information that you may want to use before or after your Museum visit. You can print out the images or project them in your classroom.
After he graduated from college and moved to New York’s Lower East Side in 1958, Stella made a series of paintings with simple rectangular shapes and stripes. He used house paint from the bargain bin and house painter’s brushes to apply it to the canvas. Stella said that he was “learning how to make abstract paintings. . Learning what paint and canvas can do.” Some of these works—such as *East Broadway*—are titled after places in New York City. In this painting, the field of stripes—painted freehand—is interrupted by a solid rectangle. Stella has associated the straight-edged geometries of his early abstractions with the cityscape that surrounded him, and noted that the gritty palette of works like *East Broadway* hints at the semi-industrial atmosphere of downtown New York at that time.
JASPER’S DILEMMA, 1962


At first, this painting recalls the kind of diagrams artists have used since the Renaissance to render perspectival space, with foreground objects appearing larger and those in the distance receding. Stella used primary and secondary colors, white, black, and various shades of gray to create this composition. He left a thin line of raw canvas between each band of color so that the squares and triangles that the bands make are visible. The squares are divided into four triangles whose points don’t quite meet in the center. The composition of stripes and the way that Stella combined the colors also form a central diamond shape and spirals that radiate from the center of each square. The title of this work and its color scheme refer to Jasper Johns; the “dilemma” makes explicit reference to Johns’s statement that the more he worked in color, the more he saw gray.
HARRAN II, 1967

In his Protractor Paintings (1967–71) Stella introduced curved shapes in bright and fluorescent colors and titled them after ancient cities with circular plans. The shapes of the paintings are based on the semi-circular protractor, a tool used for measuring and drawing angles and curves. Harran II is composed of eight-inch bands that arc like rainbows. The complex range of colors in this painting occasionally overlap and interrupt each other to punctuate its rhythm and add to its dynamism. By intentionally merging abstraction with decorative forms and almost psychedelic color, Stella challenged the traditions of abstract and decorative painting and the long-held notion of the avant-garde that abstraction had to be difficult. Moreover, he was comfortable with making beauty part of the work and with the fact that some people might think his paintings were merely decorative.
THE GRAND ARMADA, 1987


Between 1986-97, Stella made hundreds of works inspired by Herman Melville’s book *Moby-Dick* (1851)—at least one for each of the novel’s 135 chapters. The series was initiated by an encounter with a beluga whale in an aquarium, after Stella was struck by the animal’s unlikely combination of mass and grace. While he did include fragments of recognizable imagery in the *Moby-Dick* works, the real aim was to respond to the relentless movement and energy of Melville’s language and story in more abstract terms, through the dynamic interaction of forms. This work is titled after Chapter 87 of the book which describes how the ship comes across a herd of whales in the Pacific Ocean and dispatches a fleet of boats to hunt them. In this chapter, the narrator Ishmael describes a vivid scene: as the men look into the water, a group of mother whales nursing their young beneath the boats seem to gaze back at them. Read or listen to this chapter: [http://etc.usf.edu/lit2go/42/moby-dick/768/chapter-87-the-grand-armada/](http://etc.usf.edu/lit2go/42/moby-dick/768/chapter-87-the-grand-armada/)
Stella’s recent Scarlatti Sonata Kirkpatrick series (2006–ongoing), was inspired by the music of Italian composer Domenico Scarlatti (1685–1757), known for his harpsichord sonatas. The relationship of Stella’s multicolored steel constructions to Scarlatti’s music is one of visualizing sound rather than a literal correspondence. "If you were to be able to follow an edge" of a given work visually, says Stella, "and follow it through quickly, you’d get that sense of rhythm and movement that you get in music." As Stella has pursued his central ambition—to make painting as vital and generous as it can be—he has increasingly moved the medium into three dimensions, the traditional realm of sculpture. Yet his concerns are primarily those of a painter rather than a sculptor. He has remarked: “A sculpture is just a painting cut out and stood up somewhere.” In contrast to sculpture's hallmark characteristics of mass and volume, Stella’s use of steel and other metals in the Scarlatti series convey a sense of movement, flow, and visual play.
BIBLIOGRAPHY AND LINKS


http://whitney.org/Exhibitions/FrankStella
Information about the exhibition.

http://www.gutenberg.org/files/2701/2701-h/2701-h.htm

https://www.youtube.com/results?search_query=domenico+scarlatti+sonatas
Domenico Scarlatti sonatas on YouTube.

The Wall Street Journal article about Frank Stella’s titles.

http://whitney.org/Education
The Whitney’s programs for teachers, teens, children, and families.

http://whitney.org/ForTeachers
The Whitney’s online resources for K-12 teachers.
AT THE MUSEUM

Guided Visits
Guided visits are one hour and ten-minute thematic tours that build upon classroom learning. We introduce students to three to five works of art through careful looking, discussions, and activities that incorporate the artist's voice and process. Museum educators lead inquiry based conversations as well as sketching or writing activities in the galleries. To schedule a visit, please go to http://whitney.org/Visit/GroupTours.

Guided Visit Themes
School Programs uses a thematic-based approach to teaching in the galleries. We created these themes in order to foster thoughtful connections between K-12 classroom learning and the art on view. When you schedule a guided visit, you will be able to choose one of the following themes.

Artist as Observer (K-12)
How do artists represent the world around them? How do they choose to show people and places? This theme can address topics including New York City, community, landscape, and portraiture. This is a great thematic tour for first-time visitors as it incorporates visual literacy skills and introduces students to multiple ways of looking at and talking about art.

Artist as Storyteller (K-12)
How do artists tell a story? What is their point of view? This theme addresses ELA concepts such as narrative, tone, character, and setting and is recommended for literacy and writing classes.

Artist as Experimenter (K-12)
How do artists push boundaries and explore new concepts? This theme examines how artists experiment with materials, processes, and ideas. Younger students may look at how artists use formal elements such as line, shape, color, texture, and composition, or how they transform everyday objects. Older students may consider more conceptual questions, such as “What makes this art?” and “Why is this in a museum?”

Artist as Critic (6-12)
How do artists respond to the social, political, and cultural climate of their time? What does their work tell us about American life and culture? How can art serve as a catalyst for change? Students examine how artists respond to the topics that shape history, politics, and contemporary culture. This thematic tour can address subjects such as current events, war, gender, race, politics, and activism.
AT THE MUSEUM (CONTINUED)

Working with Museum Educators
If you are scheduled for a Guided Visit, your museum educator will contact you in advance. Let them know what preparatory work you have done, how this connects to the rest of your curricula, and what you would like your visit to focus on. The more you tell them, the better they can prepare for your visit. Please also let them know if your students have any specific needs. Groups can spend extra time in the galleries after their guided tours only on Mondays, Wednesdays, and Thursdays when the Museum is open to the public.

All educators and students who have a Guided Visit will receive a pass which offers free admission to the Whitney during the school year.

High school non-guided visits
High School students are welcome to visit the museum during public hours in a self-guided capacity. Non-guided visits must be scheduled in advance. A maximum of 50 students may arrive at the museum together and must then divide into small groups (no more than 4 students per group) to visit the galleries. One chaperone must accompany 15 students.

Discuss museum rules with students before your visit. We have found that works of art are more accessible if students are provided with some structure or direction, and we recommend giving students a task to complete while in the galleries. You may want to create a worksheet, free-writing or poetry activity, or a sketching assignment.

whitney.org/ForTeachers
Check out our web resources especially for K-12 teachers! Here you can explore the Whitney’s collection, try out an activity with your students, prepare for a Museum visit, and learn some tips for working with modern and contemporary art. For Teachers also includes discussion, research, art making and writing activities, downloadable teacher guides, and links to related websites.

We look forward to welcoming you and your students to the Whitney!
ABOUT THE WHITNEY’S NEW BUILDING

Opened just a few months ago on May 1, 2015, the Whitney’s building was designed by architect Renzo Piano. His design was inspired by the industrial character of the neighboring buildings in the Meatpacking District. There’s art all over the Whitney: in the galleries, stairwell, first-floor lobby, and on the outdoor terraces, which offer awesome 360 degree views of the city. Artist Richard Artschwager designed the building’s four elevators. Titled *Four in Six*, the elevators are based on six themes that occupied Artschwager’s imagination from the mid-1970s throughout his artistic career: *door, window, table, basket, mirror, rug.* Each elevator is an immersive installation comprised of one or two of these themes.

The Laurie M. Tisch Education Center

For the first time in its history, the Whitney has a dedicated space for education. The Laurie M. Tisch Education Center is a hub of activity where visitors of all ages can engage with artists and enliven and enrich their museum experience. Centrally located on the Museum’s third floor and adjacent to the Susan and John Hess Family Gallery and Theater, the Laurie M. Tisch Education Center brings visibility to the educational mission of the Whitney and also provides opportunities for museum educators to work in new ways, offering audiences drop-in programming, hands-on learning, as well as in-depth and interdisciplinary programming.

Feedback

Please let us know what you think of these materials. Email us at schoolprograms@whitney.org. For more information about our programs and resources, please visit whitney.org/Education.

LEARNING STANDARDS

The projects and activities in this teacher guide address national and state learning standards for the arts, English language arts, social studies, and technology.

The Partnership for Twenty-first Century Learning Skills

Common Core State Standards
http://www.corestandards.org/

Links to National Learning Standards
http://www.mcrel.org/compendium/browse.asp

Comprehensive guide to National Learning Standards by content area

New York State P-12 Common Core Learning Standards
http://www.engageny.org/resource/new-york-state-p-12-common-core-learning-standards

New York City Department of Education’s Blueprint for Teaching and Learning in the Arts
http://schools.nyc.gov/offices/teachlearn/arts/blueprint.html

© 2015 Whitney Museum of American Art
CREDITS

This Teacher Guide was prepared by Dina Helal, Manager of Education Resources; Lisa Libicki, Whitney Educator; and Heather Maxson, Manager of School, Youth, and Family Programs.

Education programs in the Laurie M. Tisch Education Center are supported by the Steven & Alexandra Cohen Foundation; The Pierre & Tana Matisse Foundation; Jack and Susan Rudin in honor of Beth Rudin DeWoody; Joanne Leonhardt Cassullo and The Dorothea L. Leonhardt Foundation, Inc.; the Barker Welfare Foundation; Con Edison; public funds from the New York City Department of Cultural Affairs in partnership with the City Council; and by members of the Whitney’s Education Committee.

Generous endowment support for education programs is provided by the William Randolph Hearst Foundation, the Annenberg Foundation, Laurie M. Tisch, Steve Tisch, Krystyna O. Doerfler, Lise and Michael Evans, and Burton P. and Judith B. Resnick.

Free Guided Student Visits for New York City Public and Charter Schools endowed by the Allen and Kelli Questrom Foundation.

The Whitney’s Education Department is the recipient of a National Leadership Grant from the Institute of Museum and Library Services.


In New York, the exhibition is sponsored by

Morgan Stanley

Significant support is provided by

pamella roland

Sotheby’s

Major support is provided by The Brown Foundation, Inc.; Steven & Alexandra Cohen Foundation; Julia W. Dayton; Pamela and Daniel DeVos; Katherine Farley and Jerry Speyer; the Fisher Family; The Marc Haas Foundation, Inc.; the Henry Luce Foundation; Robert E. Meyerhoff and Rheda Becker; the National Committee of the Whitney Museum of American Art; and an anonymous donor.

Generous support is provided by The Broad Art Foundation, Peter and Betsy Currie, Theodor and Isabella Dalensson, Marcia Dunn and Jonathan Sobel, Louis G. Elson, Ann and Graham Gund, Marguerite Steed Hoffman, Barbara and Tom Israel, Martin Z. Margules, Scott Mead, Kenneth & Marabeth Tyler, Melissa Vail and Norman Selby, the Bagley and Virginia Wright Foundation, and public funds from the New York City Department of Cultural Affairs in partnership with the City Council.

Additional support is provided by Irma and Norman Braman; Audrey and David Mirovich; the National Endowment for the Arts; and Paul J. Schupf Lifetime Trust, Gregory O. Koerner Trustee.

Significant endowment support is also provided by Lise and Michael Evans, Sueyun and Gene Locks, and the Jon and Mary Shirley Foundation.