

Lesson Plan: Illuminating Art

By Amy Wunsch, June 2011

Students will learn about technology in art and lighting effects and create a collage with LEDs.



Objectives

Students will create a small scratch art drawing using black clear scratch paper, and as a group, they will discuss how the drawings appear differently as the instructor layers the drawings with colored paper sheets held up to a light source.

On a museum tour, students will explore and discuss a site-specific light sculpture by Leo Villareal. We'll talk about how he used technology to create changes to the surface appearance as we look at the artwork over a period of time. We'll also talk about new media artworks, weavings and paintings that focus on computer technology.

Students will create a 2-dimensional "illuminated collage" using transparent materials, mirror paper and LED lights.

Vocabulary

Illumination

Repetition

Movement

Vertical/Horizontal

LEDs

Incandescent bulbs

Abstract

Organic/Geometric

Materials needed

3 volt lithium coin batteries

Clear transparency sheets

Colorful transparent material (cellophane)

Scissors

Glue dots

Double stick tape

Stiff paper strips for creating "switch"

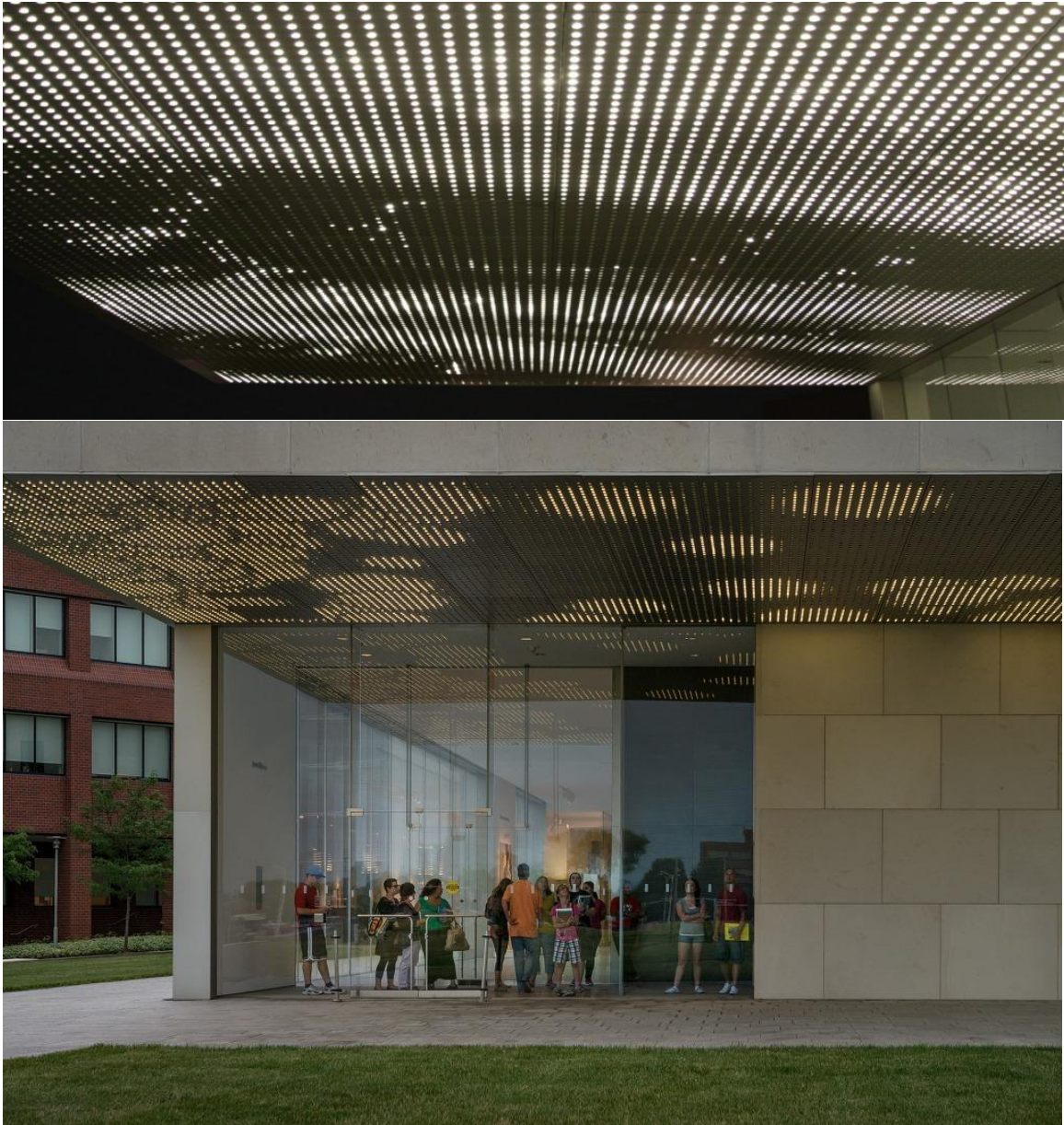
Metallic, fluorescent, and glitter gel pens and markers that show up well on black paper

Black foam core, pre-cut into 10" squares with a 6" square opening

Stiff reflective "mirror" sheets for backing, cut into 8" squares

Hot glue (adult use only) for attaching batteries to frames

Tour artwork images:



Leo Villareal (American, b. 1967)

Microcosm, 2007

White LEDs, custom software, electrical wiring and hardware

Collection Nerman Museum of Contemporary Art, 2007.71



Nadine Robinson (American, b. 1968)

Rock Box #2, 2006

Rhinestones, plastic, speaker, amplifier and digital music

Collection Nerman Museum of Contemporary Art, 2006.46

Gift of Marti and Tony Oppenheimer

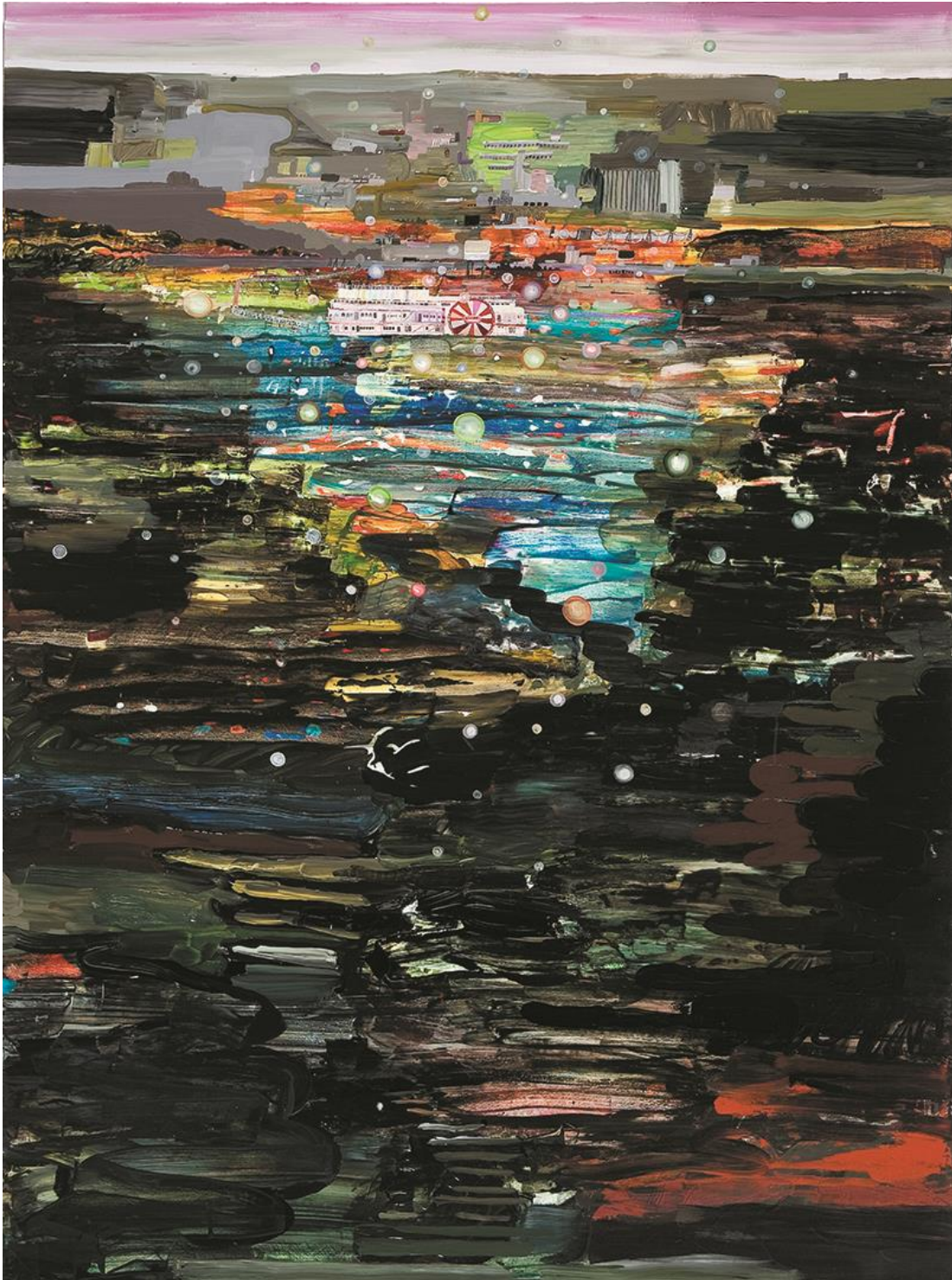


Amy Stein (American, b. 1970)

Howl, 2007

Digital chromogenic print

Collection Nerman Museum of Contemporary Art



Lisa Sanditz (American, b. 1973)
Casino Queen, 2006
Oil on canvas
Collection Nerman Museum of Contemporary Art, 2007.05
Gift of Marti and Tony Oppenheimer



Allison Schulnik (American, b. 1978)

Mound, 2011

Video, 4 min. 20 sec.

Collection Nerman Museum of Contemporary Art, 2011.54

Gift of Marti and Tony Oppenheimer



Hiroshi Sugimoto (Japanese, b. 1948)
Carpenter Center, 1993
Gelatin silver print
Collection Nerman Museum of Contemporary Art