

MODERNIZING TIFFANY

TIFFANY INSPIRED STEPPING STONES
ART AND (MATH)
GRADES: 9-12

BASED ON



Tiffany Studios (1902-1932), United States
Apple Blossom Library Lamp, circa 1905
Leaded glass and bronze
NY, N. 86.IU.2a,b



Tiffany Studios (1902-1932), United States
Well by Fence Window, circa 1910
Leaded glass
NY, N.86.W.9

OBJECTIVES

- Students will look at work by Tiffany and participate in discussion about his life and art.
- Students will create an original design that means something to them and can be related back to Tiffany in some way.
- Students will successfully create a stained glass design and overlay it with cement, making a stepping stone.

CONCEPT

This lesson is inspired by the ornate, detailed work of Louis Comfort Tiffany and Tiffany Studios. The goal was to modernize Tiffany's designs and make it personal to each individual student. After learning about the life of Louis Comfort Tiffany and participating in a discussion about his work. Students were charged with creating a modern design after looking at both Tiffany designs and various stained glass designs on Google.

MATERIALS

Cement
Cement colorant
Buckets to mix cement
Paper mask to protect inhalation during the mixing process
Mixing sticks-- wooden rulers work great
Various glass pieces- tiles, round stones, full size glass sheets
Glass cutters
Safety glasses
Mosaic glue
Plastic containers with lids
Glue brushes
Kraft paper
Various plastic containers with different shapes and sizes-- this serves as the base shape
WD40
Pencils
Sketch paper or printer paper
Computers with access to the internet

VOCABULARY

Mosaic- a picture or pattern produced by arranging together small colored pieces of hard material, such as stone, tile, or glass.

Stained Glass- colored glass used to form decorative or pictorial designs, notably for church windows, both by painting and especially by setting contrasting pieces in a lead framework like a mosaic.

PROCEDURE

1. Students participate in discussion about Louis Comfort Tiffany's work and designs while viewing a PowerPoint.
2. Students brainstorm ways to integrate Tiffany's ornate designs and/or style while creating an original design that is meaningful to them and has a modern twist.
3. Students will look at various stained glass designs to better visualize the appropriate spacing between each shape in the design.
4. Each student creates a sketch of their design on sketch paper.
5. Students will pick a plastic container that will work with their design.
6. Cut a piece of kraft paper to fit inside the bottom of the plastic container, then transfer the design to the kraft paper making sure there is at least a half centimeter space between each shape.
7. Mix mosaic glue with some water-- consistency should be a little watery.
8. Cut and glue glass pieces down on the kraft paper design- let dry overnight.
9. WD40 spray the plastic containers.
10. Mix the concrete according to the package-- add colorant if desired.
11. Lay the kraft paper down, glass facing upward.
12. Pour cement mixture on top and smooth with a putty knife.
13. Let sit out for 2 days.
14. Pop out of the mold or plastic container.

ASSESSMENT

Students will be assessed based on the following criteria:

1. Effort- 50 points
 - a. Did the student stay focused every day?
 - b. Did the student clean up after him/herself every day?
2. Design- 50 points
 - a. Did the student take time to develop the design?
 - b. Does the design relate to Tiffany in some way?

NATIONAL STANDARDS

National Visual Art Standards- Refine and complete artistic work:

HS Accomplished- VA:Cr3.1.IIa

Engage in constructive critique with peers, then reflect on, re-engage, revise, and refine works of art and design in response to personal artistic vision.

National Visual Art Standards- Synthesize and relate knowledge and personal experiences to make art:

HS Accomplished- VA:Cn11.1.IIa

Compare uses of art in a variety of societal, cultural, and historical contexts and make connections to uses of art in contemporary and local contexts.

CCSS.MATH.CONTENT.HSG.MG.A.3

Apply geometric methods to solve design problems (e.g., designing an object or structure to satisfy physical constraints or minimize cost; working with typographic grid systems based on ratios).*

CURRICULUM CONNECTIONS

Use a variety of shapes and patterns to create an original design with glass while also making sure that there is proper spacing between each glass piece.

RESOURCES

Google Slides- Modernizing Tiffany https://docs.google.com/presentation/d/1_ZHXo4irq_JU-GorUTxadrH-oRN9McS5i74memgh9vM/edit?usp=sharing

CLASS EXPERIENCE



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