

Radial Design

OVERVIEW

In this lesson students will learn about radial design and crystalline glazing.

TIME ALLOTMENT

1-2 sessions of 45 minutes

SUBJECT MATTER

This lesson includes instructional goals in Art, Science and Math.

LEARNING OBJECTIVES

The students will be able to:

- create clay tiles showing San Antonio architecture
- analyze balance and composition in various building structures
- describe the effects of balance and composition on a given structure

STANDARDS

Texas Essential Knowledge and Skills (TEKS) (<http://www.state.tx.us/teks>)

Perception	.1B	
Creative Expression/Performance	.2A	
.2B	.2C	
Historical Expression/Performance	.3C	

Response/Evaluation

.4A

MEDIA COMPONENTS

VIDEOS

Harding Black: An American Treasure, Alamo Public Telecommunications Council, 1999.

“Designs and Glazes” (03:23)

This clip shows examples of Harding Black’s use of radial design and crystalline glaze. It also discusses the “trial and error” method he used to develop his craftsmanship.

MATERIALS

You will need the following to complete these activities:

PER CLASS

- 9” x 12” colored construction paper
- Safety compass
- Pencil
- Precut circles (For K and 1st only)

- Construction paper crayons
- Metallic
- Glitter crayons
- 11" x 18" colored construction paper (optional extension)
- metallic or glitter paint (optional extension)

VOCABULARY

Radial, metallic, radius

PREP FOR TEACHERS

Review video clip and prepare materials as stated above.

INTRODUCTORY ACTIVITY: SETTING THE STAGE

Explain that today they will watch a short video clip about radial and crystalline designs that Harding Black created and used in his craft. Provide students with a FOCUS FOR MEDIA INTERACTION by having them look for colors and designs on the pottery. PLAY the clip, "Designs and Glazes." PAUSE the clip as needed to point out specific colors and designs.

LEARNING ACTIVITIES

DAY 1

1. After the students have looked at the clip, have them describe the designs. Discuss the characteristics of the radial designs. Have students look at other examples of radial designs.
2. Also discuss the special crystalline glaze that Black developed. Have students think about our supplies

and suggest which ones would give that effect.

DAY 2

1. Call students one table at a time to select a piece of colored construction paper. Then with a safety compass and pencil draw a circle with a radius of 4".
2. Have students select a construction paper crayon and lightly draw the outline of their radial design. Encourage them to be loose and free. (If you let them draw it with a pencil, the pencil lines show up under the crayon.)
3. Next have students use metallic crayons to color in the crystalline design. They can use several construction paper crayon colors to color in the rest of their design.
4. When they are finished, have students cut out their circle.

CROSS-CURRICULAR & EXTENSION ACTIVITIES

As an extension, students can glue their circles onto another color of larger construction paper. They can extend their design out onto the outer mat. Glitter or metallic paints can also be used to intensify the crystalline design