TEACHING BY DESIGN

PAINTING THE PRAIRIE

GRADE: 4-8 **TIME:** Two 40-minute sessions

Frank Lloyd Wright had a strong connection to nature and the local environment, designing homes that were suited to their natural surroundings. While living and working in Oak Park, Illinois, Wright pioneered a new style of architecture--the Prairie style-- inspired by the flat, vast landscapes of the Midwest. In this lesson, participants will explore the landscape that inspired Wright as they learn about and illustrate the elements of a prairie, as well as the plants and animals that live there.

INTEGRATED SUBJECTS: Visual Arts, Science

MATERIALS | RESOURCES

Images, videos, and articles about the prairie (Suggested resources can be found in Appendix A)

Sketchbooks or paper

Pencils, fine point black Sharpies and/or artist pens

Examples of Frank Lloyd Wright's Prairie style architecture

Examples of historic house styles such as Queen Anne, Italianate, and Federal Colored pencils or watercolor paints (optional)

- 1. Explore the elements of a prairie and the plants and animals that live there.
- 2. Understand the various types of prairies, how they differ, and where they are located.
- 3. Sketch and record native prairie plants.
- 4. Compare and contrast images of prairies with Frank Lloyd Wright's architecture.
- 5. Design an original Prairie style facade.
- 6. Create a collaborative work of art.

ESSENTIAL QUESTIONS

OBJECTIVES

- 1. How is Frank Lloyd Wright's architecture influenced by the prairie?
- 2. What are elements that make up a prairie and what are the different types of prairies?
- 3. What are elements that make up a Prairie style building?
- 4. What are the benefits of designing in harmony with nature?

LESSON PROCEDURE

EXPLORE

Session One

- Ask students: What is a biome? Challenge students to identify and describe types of biomes such as tundra, grasslands, deserts, and rainforests.
- Introduce prairies as a type of grassland and describe elements that make up a prairie. (Additional resources can be found in Appendix A).
- With students, explore similarilities and differences between tallgrass, midgrass, and shortgrass prairies. If applicable, locate the prairies of your area and give examples of prairie plants, animals and insects.
 - Optional Extension: If it is possible to visit a prairie, students may draw and write notes to create their own field guide.
- Demonstrate use of pen and ink, Sharpies, or pencils to draw and record prairie plants. (Tip: It can also be helpful to review clean-up procedures and care of materials.)

ENGAGE

Session One

- Discuss the plants and animals that live in prairies.
 - Differentiation: Have students independently research plants and animals that live in prairies.
- Introduce Frank Lloyd Wright and the Prairie School of architecture.
- Display examples of Frank Lloyd Wright's Prairie style homes such as the Frederick C. Robie House, Taliesin, the Averly Coonley House and the Arthur B. Heurtley House. Ask students: What do you notice? (Tip: Students may notice a horizontal profile, natural materials, natural colors, strong geometry, central chimneys, and/or ribbon windows). Challenge students to compare and contrast Wright's Prairie style designs to other historic house styles such as Queen Anne, Italianate and Federal.
- Ask: How are Prairie style homes designed in harmony with nature? What similarities do you see between prairies and Prairie style homes?
- Challenge students to identify various prairie plants to determine what type of prairie they came from.

DESIGN

Session Two

- In a sketchbook or on drawing paper, have participants sketch prairie plants and grasses. Pen and ink may be used initially or on top of a light pencil sketch. Color may be added using colored pencils and/or water-color paint. (Tip: Encourage students to use smocks, newspaper, and other measures to avoid permanent stains on clothing and furniture!)
 - Optional Extension: Drawings and notes may be created in a small notebook to create a field guide.
- Have students design and draw a Prairie style facade inspired by their sketches.

LESSON PROCEDURE (continued)

CRITIQUE & INTERPRET

Session Two

- Display drawings and challenge students to identify plants drawn by their peers.
- As a class, hang drawings on a wall or hallway to create a classroom prairie.
 - Optional Extension: Discuss plant root systems and have students add a root system to the classroom prairie display.
- Add students' Prairie style facade designs to the display. Have students consider the following quote by Frank Lloyd Wright: "What was the matter with the kind of house I found on the prairie?It had no sense of Unity."
- Ask students: How does the surrounding prairie envrionment impact how designs are perceived? Is there a sense of unity between the prairie and the house designs? If so, how?

APPENDIX A

Resources about the prairie:

- Video and written information available at: <u>https://www.fs.usda.gov/main/midewin/home</u> <u>https://www2.illinois.gov/dnr/education/Pages/EduWildflowers.aspx</u>
- <u>Prairies of the Midwest</u> by the Army Corp of Engineers is a useful manual with wildflower images for drawing.