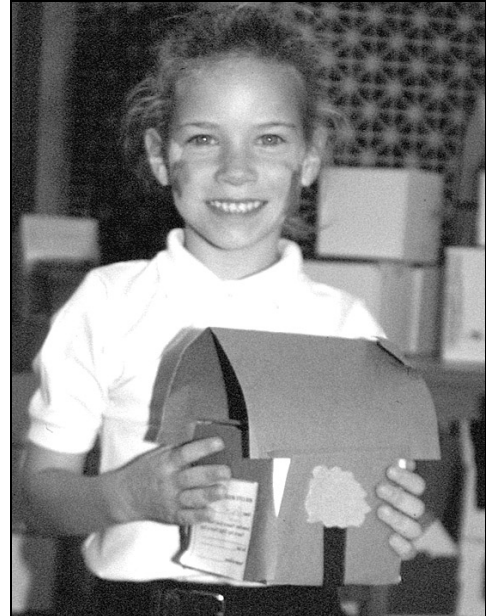


**Arkansas Historic
Preservation Program
Education Program**

Lesson Plans for Arkansas Students

"Construction Work" Art Activity

Learning from local and statewide historic places



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A Division of the Department of Arkansas Heritage

TEACHING THE "CONSTRUCTION WORK!" LESSON ¹

GRADE LEVELS

5-8

FOR THE TEACHER

NOTE: This lesson plan is most effective if the students have a basic understanding of architectural styles.

The *Construction Work!* activity is a fun "hands on" way for students to explore architectural styles and to learn advanced architectural terms.

OBJECTIVES

- ✓ The student will construct a building using various architectural elements.
- ✓ The students will work together cooperatively on this hands-on project.
- ✓ The student will learn advanced architectural terms, and will learn more about architectural elements.

ARKANSAS CURRICULUM CONNECTIONS

Social Studies, Grades 5-8

PPE.2.5. The student will identify the physical patterns found in architecture.

SSPS1.1: The student will analyze social science concepts while creating a *project*. The student will demonstrate critical thinking skills through problem solving.

Visual Arts, Grades 5-8

1.1.8: The student will produce art influenced by their exploration of architectural styles.

2.1.11. The student will critique the works of others using: description and judgement.

2.1.13. The student will evaluate the importance of art heritage.

MATERIALS


Copies of the Pictorial Glossary
 Shoe boxes/small boxes
 Paper towel/toilet paper rolls
 Construction paper and poster board
 Scissors
 Tape
 Glue
 Index cards (optional)

PROCEDURE


1. Cut out each picture on the *Architectural Glossary* pages. Create five stacks, and put the cut pictures into the appropriate stack (you can glue each picture to an index card to make the pictures sturdier):
 - Doors/entrances
 - Windows
 - Roof types
 - Porches
 - Materials
2. Divide the students into small groups for cooperative learning.
3. Each group will choose one card from each stack and together construct a building using the components they chose.


Example: Brick house with ribbon windows, a wrap-around porch, a mansard roof, and a door with a fanlight and sidelights.
4. Students will display their buildings and identify each of the architectural components they used.
5. Students will discuss each others' work.

EXTENSIONS

-  Learn more about historic properties in your community. See the AHPP lesson plan *Be a Building Detective* for activities and ideas.

For a listing of properties in your area that are on the National Register of Historic Places, visit our website at www.arkansaspreservation.org Go to the *History and Architecture* page, then click on *National Register of Historic Places* to search the database by county, town or property name.

-  Visit the AHPP website's Youth Education page for more architecture education websites: www.arkansaspreservation.org

-  The non-profit organization CUBE, Center for Understanding the Built Environment, produces an excellent curriculum called *Box City*. *Box City* is a great way to teach students about architecture, city planning and community. For the culmination of the *Box City* unit, students use their new knowledge to build a city from boxes. The curriculum, which includes boxes, is reasonably priced. For more information, call CUBE at (913) 262-8222 or visit their website at www.cubekc.org

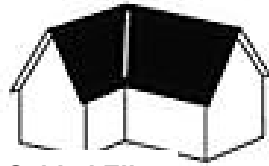
¹ Based on a lesson plan from The Heritage Education Network <www.mtsu.edu/~then/Architecture/page43.html>

PICTORAL GLOSSARY

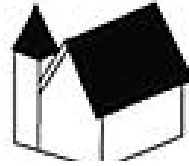
ROOF TYPES



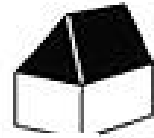
Plain Gable



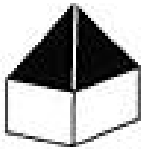
Gabled Ell



Asymmetrical



Hip



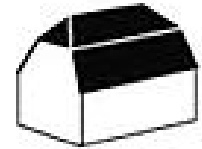
Pyramidal



Widow's Walk



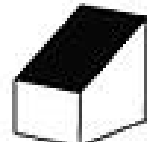
Dormer



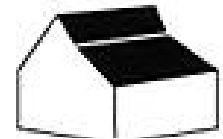
Jerkin Head or Clipped Gable



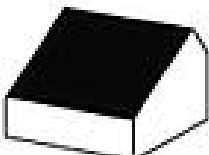
Gambrel



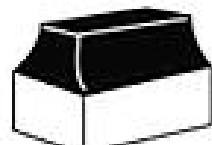
Shed



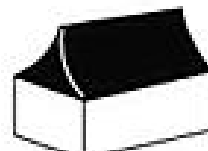
Modified Pitched Roof



Saltbox



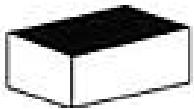
Mansard



Bellcast Hip

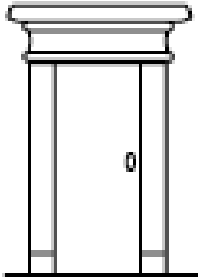


Conical

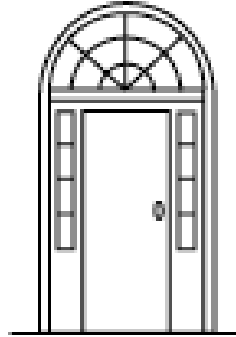


Flat

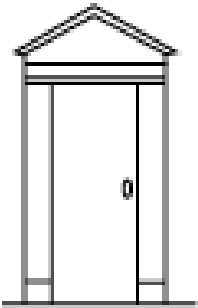
DOORS



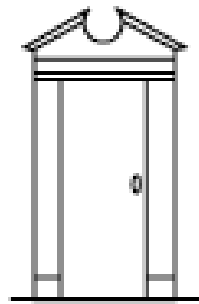
Entablature with Pilaster



Fanlight with Sidelights

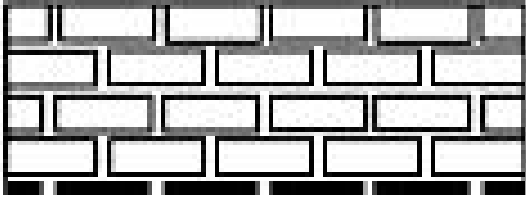


Plain Pediment with Pilaster

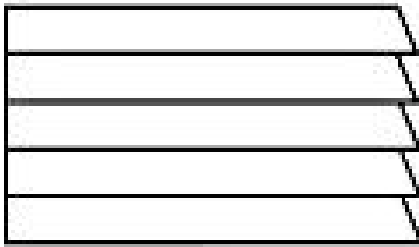


Broken Pediment with Pilaster

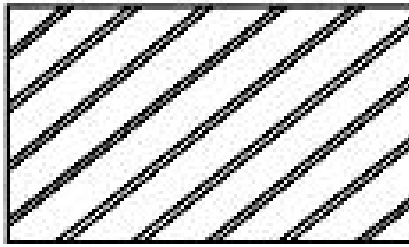
MATERIALS



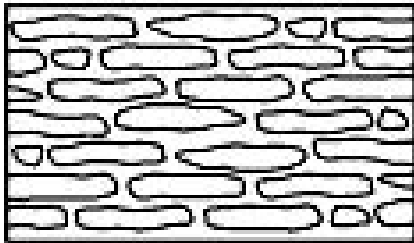
Brick



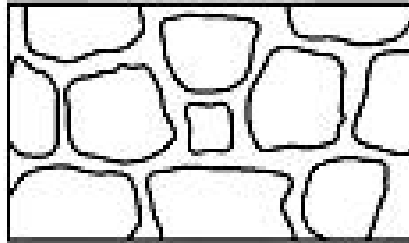
Clapboard



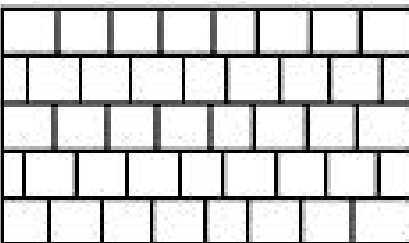
Diagonal Siding



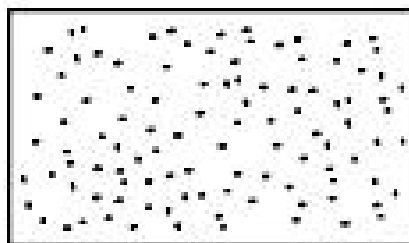
Fieldstone



Random Coursed Stone

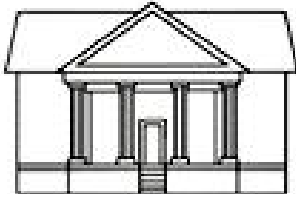


Shingle

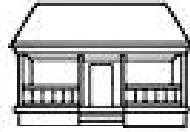


Stucco

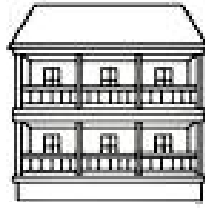
PORCHES



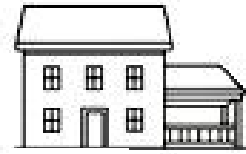
Central Pedimented



Inset



Two-Tier



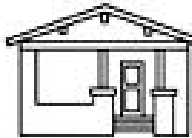
Side



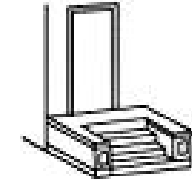
Wrap-Around



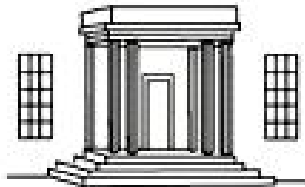
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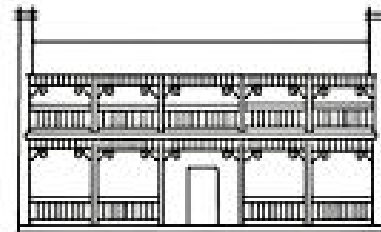
Craftsman



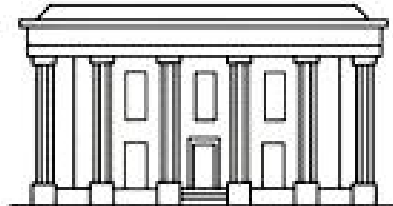
Stoop



Central One Story Portico



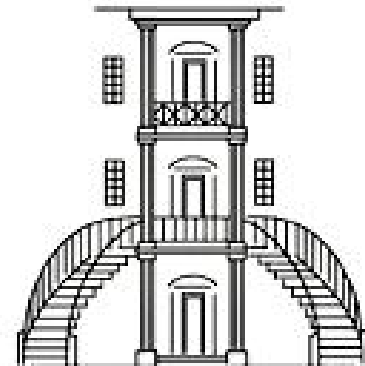
Double Veranda with
Gingerbread Trim



Full Width Two-Story Portico

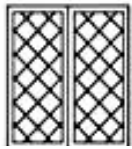


Monumental Portico

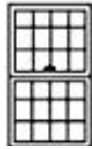


Central Triple (Or Double) Portico with
Separate Columns for Each Level

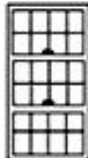
WINDOWS



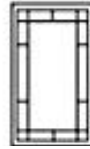
Casement



Double-Hung Sash



Triple-Hung Sash



Queen Anne



Cottage



Craftsman



Craftsman



One-Over-One



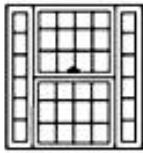
Two-Over-Two



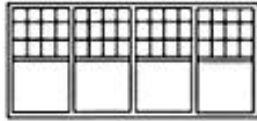
Roman or Rounded Arch



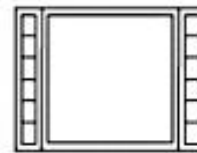
Palladian



Tri-Part



Ribbon



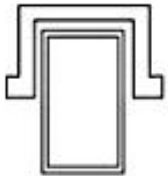
Picture



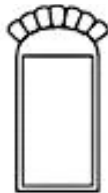
Gothic



Lancet



Dripstone Molding



Segmental Arch with Radiating Voussoirs



Segmental Arch with Radiating Voussoirs and Keystone

We would like to know how this lesson plan worked in your classroom or group. Please share with us your experience with using this lesson plan and suggestions for improvement.

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