

Construction Work Art Activity

Learning from local and statewide historic places



**ARKANSAS HISTORIC
PRESERVATION PROGRAM**

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Teaching the “Construction Work” Lesson

Grade Levels

3-12

Arkansas Curriculum Frameworks:

Visual Arts Grade 3-4:

- CR.1.4.3 Investigate man-made environments (e.g., airports, parks, transportation systems, towns) as inspiration for works of art
- CR.2.4.1 Explore a variety of art-making techniques and approaches through various media using grade-level appropriate elements of art and principles of design

Family and Consumer Science 9-12:

- 3.2.1 List and recognize the elements and principles of design as related to housing

Objective

Students will create models of buildings and the man-made environment around the building to determine how architecture impacts their communities in the past and in the present.

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)

Instructional Strategy

Note for the Teacher: This lesson plan is most effective if the students have a basic understanding of architectural styles used in Arkansas over time. You can download a document that examines popular architectural styles in Arkansas at arkansaspreservation.com. Click on the “Properties” tab, and then click on “National Register of Historic Places.” About mid-way down the page is a link to a document titled “Arkansas Architectural Styles.” Click on the link and download the .pdf titled “A Reference Guide to the Architectural Styles of Arkansas.” This document can be used as a basic guide to architectural styles in Arkansas

1. Using the document “Reference Guide to the Architectural Styles of Arkansas,” ask students to make a list of architectural styles used in their own town or neighborhood.
 2. 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 using the boxes and other items listed in the “Materials” section above. Students should draw their own components like doors, windows, and building materials. They will construct roof types and porches out of poster board and glue.
- Example:** Brick house with ribbon windows, a wrap-around porch, a mansard roof, and a door with a fanlight and sidelights.
4. When students have finished constructing their building, have them refer back to the “Reference Guide to Architectural Styles of Arkansas” and decide which architectural style best fits their finished product. Their finished product may be a mixture of styles, depending on the components they chose.
 5. On a piece of paper, have students write down the components they used in their house, what style or styles they think it fits, and why they chose this style or styles.
 6. Have each group present their final answers to the class.

Architectural Styles

ROOF TYPES



PLAIN GABLE



GABLED ELL



ASSYMETRICAL



HIP



PYRAMIDAL



WIDOW'S WALK



DORMER



JERKIN-HEAD
OR CLIPPED GABLE



GAMBREL



SHED



a. PITCHED OR GABLE
b. SHED



MODIFIED PITCHED ROOF



SALTBOX



MANSARD



BELLCAST HIP

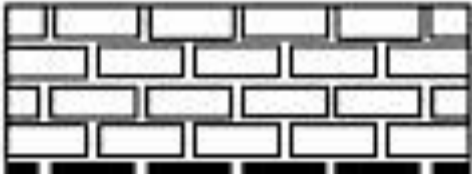


CONICAL

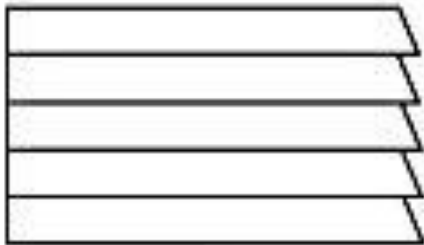


FLAT
usually found in
commercial structures

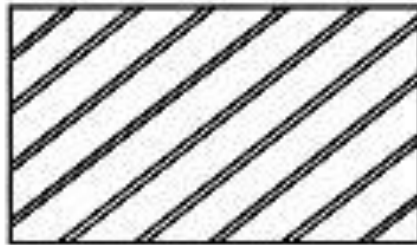
Materials



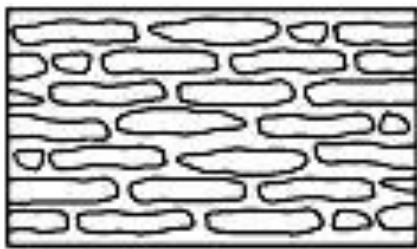
Brick



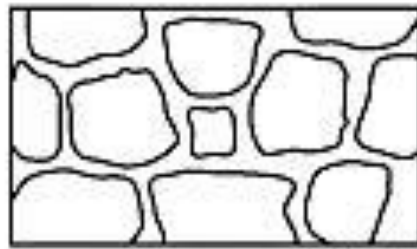
**CLAPBOARD
OR WEATHERBOARD**



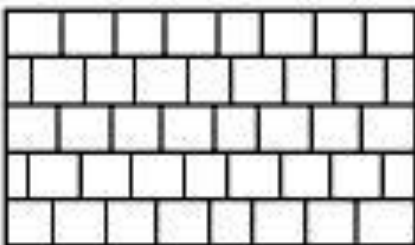
DIAGONAL SIDING



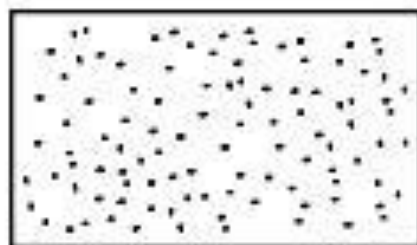
FIELDSTONE



RANDOM COURSED STONE



SHINGLE

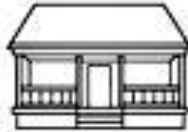


STUCCO

PORCHES



CENTRAL PEDIMENTED



INSET



TWO-TIER



SIDE



WRAP-AROUND



SHED



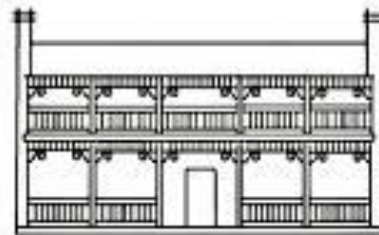
CRAFTSMAN



STOOP



CENTRAL ONE-STORY PORTICO



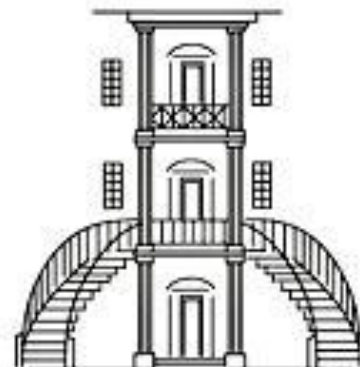
DOUBLE VERANDA WITH GINGERBREAD TRIM



FULL-WIDTH TWO-STORY PORTICO

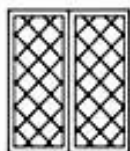


MONUMENTAL PORTICO

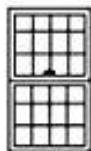


CENTRAL TRIPLE (OR DOUBLE) PORTICO WITH SEPARATE COLUMNS FOR EACH LEVEL

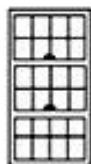
WINDOWS



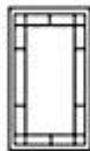
CASEMENT



DOUBLE-HUNG SASH



TRIPLE-HUNG SASH



QUEEN ANNE



COTTAGE



CRAFTSMAN



CRAFTSMAN



ONE-OVER-ONE



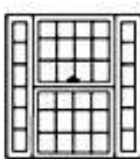
TWO-OVER-TWO



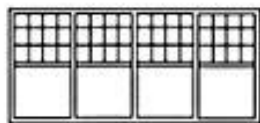
ROMAN OR ROUNDED ARCH



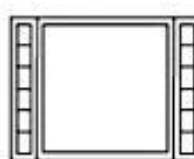
PALLADIAN



TRI-PART



RIBBON



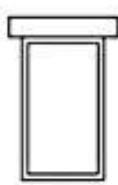
PICTURE



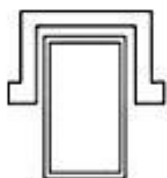
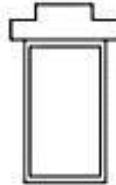
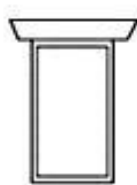
GOTHIC



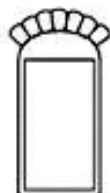
LANCET



LINTEL OR SQUARE FLAT ARCH IN STONE OR PLASTER



DRIPSTONE MOLDING

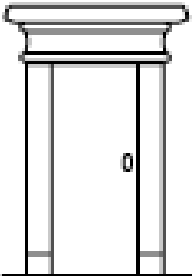


SEGMENTAL ARCH WITH RADIATING VOUSOIRS (FLAT GUAGE ARCH)

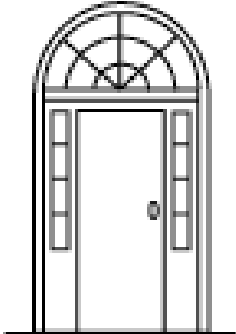


SEGMENTAL ARCH WITH RADIATING VOUSOIRS AND KEYSTONE

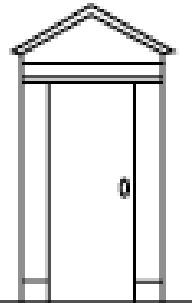
DOORS



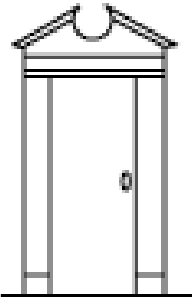
ENTABLATURE WITH PILASTER



FANLIGHT (SEMI-CIRCULAR OR ELLIPTICAL) WITH SIDELIGHTS



PLAIN PEDIMENT WITH PILASTER



BROKEN PEDIMENT WITH PILASTER