
UNIT: Backgrounds and Surface Treatments**LESSON:** Windows and Doors

COMPETENCIES:

1. Identify the value of windows to a home, both aesthetically and functionally.
2. Recognize the common window types and classify them into the following categories: movable, stationary, and combination.
3. Name the parts of a window.
4. Evaluate the characteristics of windows for appropriate placement.
5. Identify the different types of doors and their characteristics. Select specific doors for appropriate placement.

OVERVIEW/SUMMARY:

In ancient homes windows were merely small cutouts which allowed smoke to escape, brought fresh air in, and allowed occasional glimpses outside. Today windows are a main contributor to architectural design. Their function has expanded to maintenance of privacy, assist air and light control, conserve energy, and add beauty to the decor. In order to maximize the use of windows it is important to know what is available, how it works, and the benefits and drawbacks of each design to insure the best placement within a structure.

Closely related to windows in many ways, are doors. While the original purpose of a door was purely functional, in today's design, a door can make a major aesthetic contribution. In addition to allowing passage, doors aid with traffic control and privacy.

MOTIVATOR:

Have students close their eyes and imagine themselves in a pre-historic dwelling. Ask them to visualize the walls, windows, and entry ways. Discuss what they saw, ask how it is different from today's homes? Observe how the function of doors and windows have evolved from early dwellings. Note which functions are the same and which have been changed.

LESSON OPTIONS/SUPPLIES:**OPTION 1**

WORKSHEET: Have students complete and discuss as a class the study guide "WINDOWS AND DOORS". Review the "PARTS OF A WINDOW" transparency. A list of window and door "TERMS" is included for your information.

OPTION 2

GUEST SPEAKER: Have a guest speaker discuss the different types of glass and the current information regarding construction of windows and doors.

RESOURCES:

Kirsch Updated Educational Kit, 1-800-528-1407.
