



Title: Mouse House

Grade: PK-2

Overview: Students use geometric shapes (squares, triangles, circles, half-circles, and rectangles) as they build by following blueprints. With these same shapes, students can also create their own designs. Designs can be printed and colored.

My Learning Objectives:

Identify common geometric objects: circle, triangle, square, rectangle, and half-circle

Match shapes

Discriminate between sizes of the same shape

DISCOVER MODE

1. Click the House with the mouse in the doorway to enter the Mouse House from the Main Room. The Mouse House contains blueprints, a shape supply area, and a work area.
2. Click the Blueprint with the simple house on it to start with a blueprint with squares, circles, rectangles, and triangles in one size. Or click the Blueprint with the fancy house on it to start with a blueprint with squares, circles, rectangles, triangles, and half-circles in two sizes. Or click the empty blueprint to start with an empty work area.
 - If you are following a blueprint, drag the shape from the supply area to the work area and drop it into place (over the same shape).
 - If you are building in the empty work area without a blueprint or adding extra shapes to a blueprint, drag the shapes wherever you want.
3. Build as long as you like. Click another blueprint, or build in the empty work area at any time.
4. Click the printer to print what you have built. Once printed, you may want to color your design, adding bricks, scenery, people, etc.
5. Click the character in the picture frame for the Question and Answer Mode, or click Millie to return to the Main Room.

QUESTION AND ANSWER MODE

1. Click the character in the picture frame to enter Question and Answer Mode.
2. Frank Lloyd Mouse has surprise blueprints. You will not know what you are building until you finish, but you can decide how many shapes and sizes to use.
3. Click the Blueprint with the simple house on it to start with a blueprint with squares, circles, rectangles, and triangles in one size. Or click the Blueprint with the fancy house on it to start with a blueprint with squares, circles, rectangles, triangles, and half-circles in two sizes. Or click the Blueprint with all the shapes on it to start with a blueprint with all shapes in two sizes and the most complex design.
4. Mr. Mouse asks you to find a shape.

5. Click or drag the shape requested. (To hear the request again, click Mr. Mouse.)
6. Click or drag the shape requested. (To hear the request again, click Mr. Mouse.)
 - If you click or drag the correct shape, it snaps into place.
 - If you do not click or drag the correct shape, Mr. Mouse asks you to try again.When you finish building, the mice move in and celebrate!
7. Click the empty picture frame for the Discover Mode, or click Millie to return to the Main Room.