

Pamela  
Math-Kitecture

### Lesson Plan

Title – Building with Shapes

Grade – upgraded SIE V

Standards – M2a – Give and respond to directions about locations. M2d – Use many types of figures. M2e – solve problems by showing relationships between and among figures.

### MATERIALS

12” X 18” Colored construction paper

9” X 12” Colored construction paper

6” X 9” Colored construction paper

Scissors

Markers

Scrap paper

Glue sticks

### OBJECTIVES:

Students will trace with a stencil or freehand, shapes such as rectangles, triangles and circles to design a building with shapes. You can add details with scrap paper and markers.

### DISCUSSION:

We would get together in a circle so everyone can see everyone and I would explain that we are going to make a building using different shapes. We will cut out different shapes out of construction paper, using different colors as well as shapes. You can build your building however you want to. It can be tall, short, or wide. Try to add windows doors or anything else you would see on a building.

### ACTIVITY:

I would first demonstrate to the students step by step how to make a building. I would show the class how to make a building first. I would start with cutting out the shapes, using the stencils and not using the stencils. Demonstrate how to lay out the shapes to form a building and then how to glue it down. Then show them how to add windows and doors using a marker. I would tell them not to copy mine and to design their own building. Everyone should have their own building designed the way they want. When I was done with my building, I would have them start theirs and walk around the group to see if anyone needs help.