



## Patterns in DC Architecture

A pattern is something that repeats. Patterns are everywhere and can be made of many things, including shapes, letters, colors, sounds, and more. Patterns are important because they help us remember what comes next.

### Practice Patterns

#### Stretching

Stretch your arms up, try to touch the ceiling. Stretch your arms out to the side and look to one side, then the other. Crouch down like a frog and touch the ground. Now stand up and spin in a circle. Repeat these actions two times. This is a pattern! By doing the same thing over and over, you've created a pattern with your body.

#### Clapping

Clap once, then pause, then clap again, then pause again. This is a pattern! The clap and pause repeat to create a pattern. Make it more complicated by adding more claps and creating different rhythms.

#### Jumping Jacks

Do 10 jumping jacks in a row. You just made two patterns! The movement of your body as you did the jumping jacks and the pattern of jumping jack then pausing.

### Patterns in DC Architecture

The images on the following pages feature patterns. Working together, find the pattern(s) and complete the activities. When you're finished, continue looking for all types of patterns in your home and neighborhood.

## National Building Museum

What patterns do you see? Trace over them on the picture.



Photo by R.J. Swanson

Use your body to act out some of the shapes you see, like triangles and arches.

The inside of the National Building Museum is full of patterns. Use your imagination and draw some new patterns for our building below.

## Martin Luther King Jr. Library

What patterns do you see? Trace over them on the picture.

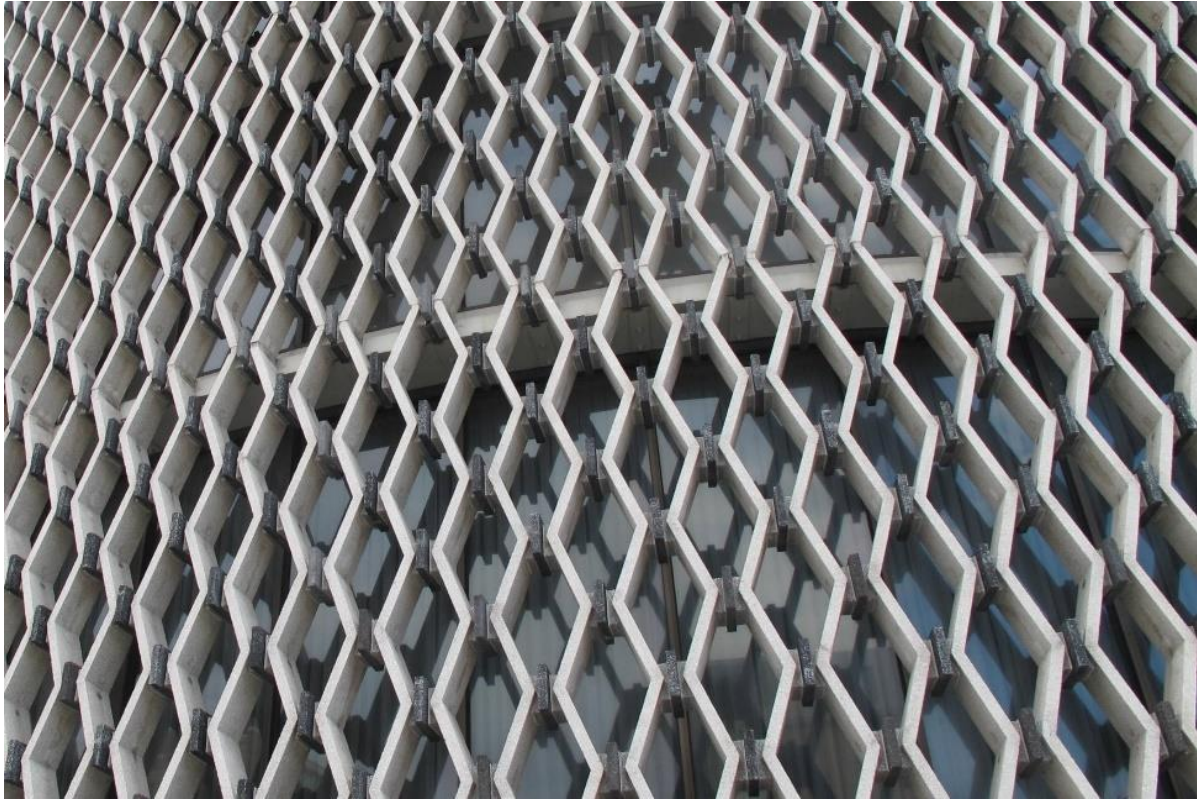


Grab one of your favorite books and find patterns in the pictures. Recreate them below.

Draw a character from the book doing a patterned action, like jumping, cartwheeling, or singing.

## Pan American Health Organization

What patterns do you see? Trace over them on the picture.



How do you get ready for the day? Your daily routine is a pattern if you do it repeatedly. Write out your daily routine below.

Zoom in on one part of your daily routine: brushing your teeth. Look at your toothbrush: what patterns can you find? Draw them below.

## Frederick Douglass Memorial Bridge

What patterns do you see? Trace over them on the picture.



This bridge goes over the Anacostia River. Imagine you could swim in the river: act out some patterns you could do in the water, like swimming, rowing, and kicking.

Draw a creature whose body has a similar pattern to the one you see on the bridge.

## Navy Yard-Ballpark Metro Station

What patterns do you see? Trace over them on the picture.



Add some color to the station ceiling! Recreate the pattern below and make your own colorful pattern to replace the current single-color ceiling.

Pretend you're a metro train. Act out the patterns you might experience, like opening and closing the doors, passengers sitting and standing, and stopping and starting the train.

## United States Capitol Building Dome

What patterns do you see? Trace over them on the picture.



Compare the patterns you see on this image to the patterns on the National Building Museum. Write which ones are similar below. Why do you think they are similar?

The American flag in this picture also has patterns! Design your own flag below. Be sure to include at least one pattern!