



INTRODUCTION

String Designing is a particular pathway to support various models that would be a great chance to find a satisfying form of expression in coordinate grid. String Designs facilitate experience in mathematics being studied or yet to be studied. As an Algebra 1 student, I gathered knowledge of some important geometric concepts such as coordinate grid, segment, point, symmetry, triangle, angle, circle, parabola, hyperbola and various application of mathematics.

HOW TO MAKE

Start your design by pushing the threaded needle through the hole next to the first number on the design directions from the numbered side to the blank side. Pull the thread through the hole until an inch remains and tape it down on the numbered side. Be careful not to tape over any of the nearby holes or numbers that you will be using.

How to complete your design

Continue to follow the numbers in the same order as they are arranged in each column of the design directions.

Each pair of numbers in column will produce one segment of the design on the front of the card.

When you reach the bottom of one column, go to the top of the next column on the right.

ART OF CALLIGRAPHY

Geometric patterns were first used as Islamic art which also includes calligraphy and vegetal patterns. These abstract designs not only adorn the surfaces of monumental architecture, but also function as the major decorative element on a vast array of objects of all types. The sources for both the shapes and the complex patterns already existed in the ancient past among Greeks, Romans and Sasanians in Iran.

in today's time the geometric patterns are used for multiple things, like the alluring tiles seen on buildings to the carpets on the floor. The connection between string designs and geometric patterns is that string designs were developed using different patterns of shapes and sizes. The process of creating the string design is similar to real world situations in the way we create the designs used for carpets, tiles, chairs, shirts, and even buildings.

The list is endless. The steps taken in actually creating the designs are all very similar; they just involve placing points on a coordinate grid to find the figures of a special pattern.

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JOURNAL

I've decided to create my particular journal. This assignment will help me with a platform to consistently reflect on all aspects of my project throughout the entire project experience

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WEBSITE



VIDEO



String Designs Level II