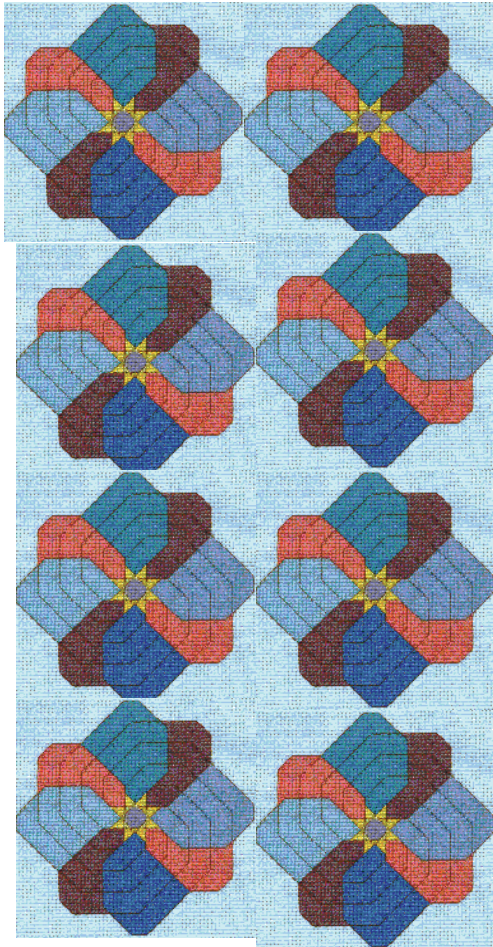
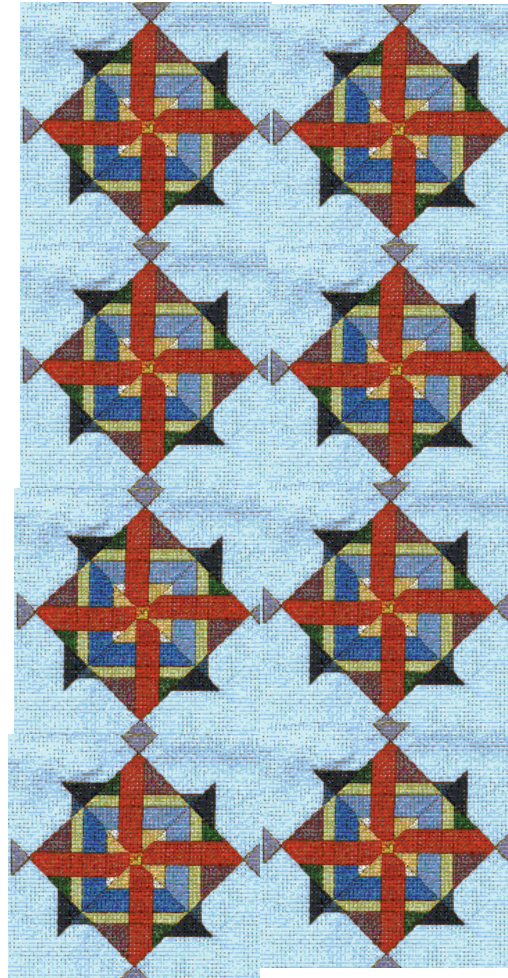


Infinite Arithmetic Progression with common difference of 1 and first term is 1, turning an angle of 135 degrees.



Infinite Arithmetic Progression with common difference of 2 and first term is 1, turning an angle of 45 degrees



Mathematics Arts using Arithmetic Sequence

NOVA XELINA GUERRERO

Mathematics Arts Using Arithmetic Sequence

These designs were created using number patterns obtained from an arithmetic sequence

Procedure

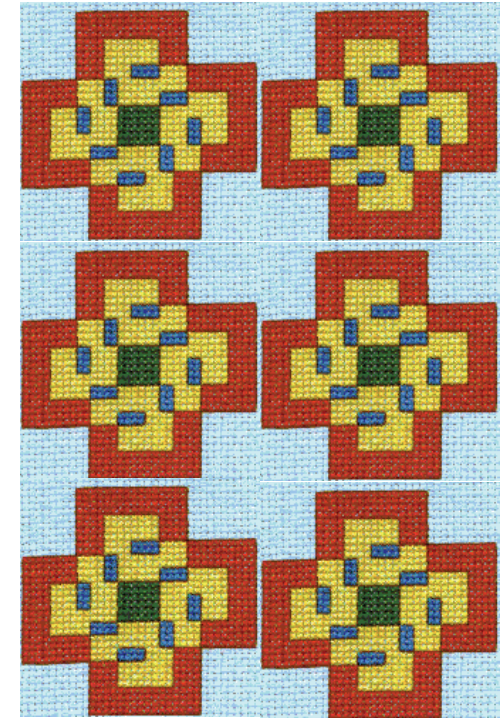
1. Select an infinite arithmetic sequence
2. Get the number pattern of the sequence
3. Choose an Angle of turn of the sequence, which follows spiral movement.
4. Prepare a graphing paper
Plot the number pattern in a graphing paper
5. The cross-stitch set was used in constructing the different structures. The stitching process followed the procedure of plotting the number pattern in a graphing paper in procedure 4.

The Designs

Infinite Arithmetic Progression with common difference of 1 and first term is 1, turning an angle of 45 degrees



Infinite Arithmetic Progression with common difference of 4 and first term is 1 turning an angle of 90 degrees



ILIGAN CITY EAST HIGH SCHOOL

Santa Filomena, Iligan City