**MATHS PLAN**

**COUNTRY:** Turkey

**SCHOOL :** Erzurumlu İbrahim Hakkı Ortaokulu

**ACTIVITY NAME:** Maths and Art-Fibonacci squence

**MATERIALS:** pencil,squared paper,colored pencils,crayons,ruler,compass

**ACTIVITY NUMBER:** 2

**MAKING ACTIVITY:**

The Fibonacci Sequence is the series of numbers:

0, 1, 1, 2, 3, 5, 8, 13, 21, 34, ...

The next number is found by adding up the two numbers before it.

The 2 is found by adding the two numbers before it (1+1)

The 3 is found by adding the two numbers before it (1+2),

And the 5 is (2+3),

and so on!

Example: the next number in the sequence above is 21+34 = 55

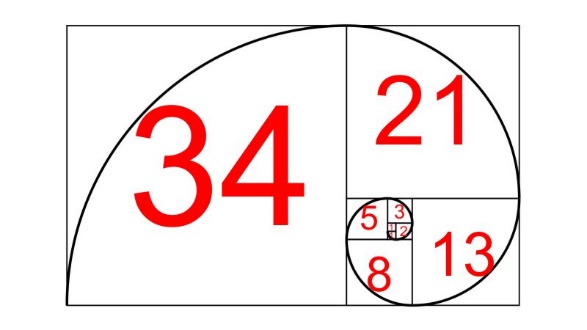
It is that simple!

Here is a longer list:

0, 1, 1, 2, 3, 5, 8, 13, 21, 34, 55, 89, 144, 233, 377, 610, 987, 1597, 2584, 4181, 6765, 10946, 17711, 28657, 46368, 75025, 121393, 196418, 317811, ...

**Makes A Spiral**

When we make squares with those widths, we get a nice spiral

.

Do you see how the squares fit neatly together?   
For example 5 and 8 make 13, 8 and 13 make 21, and so on



**PHOTOS:**

