

What is the Fibonacci Sequence?

The Fibonacci Sequence is a series of numbers. A number always is the sum of the 2 numbers behind it.



0, 1, 1, 2, 3, 5, 8, 13, 21, 34, 55, 89, 144, 233, 377, 610, 987, 1597, 2584, 4181.

Those are just the first 20 numbers in the Fibonacci Sequence. The numbers continue on infinitely.

How is the Fibonacci sequence connected to nature?

Shells have a similar pattern to the fibonacci sequence, but the spirals on a flower, fruits, leaves on stems, and pine cones and will alway be a number in the sequence.





<u>Try This!</u> Next time you see a flower count the petals the number you get will be a Fibonacci number.

Plants use the numbers to space out their leaves and petals to get lots of